

State of Iowa  
1928

Annual Report of the

# State Board of Engineering Examiners

For the Year Ending December 31, 1928



LETTER OF TRANSMITTAL

Des Moines, Iowa, January 1, 1929.

TO HIS EXCELLENCY, HON. JOHN HAMMILL,  
*Governor of Iowa,*  
*Des Moines, Iowa.*

Sir:

I have the honor to transmit herewith the annual report of the State Board of Engineering Examiners, in accordance with Chapter Eighty-nine (89) of the Code of 1927.

Very respectfully,

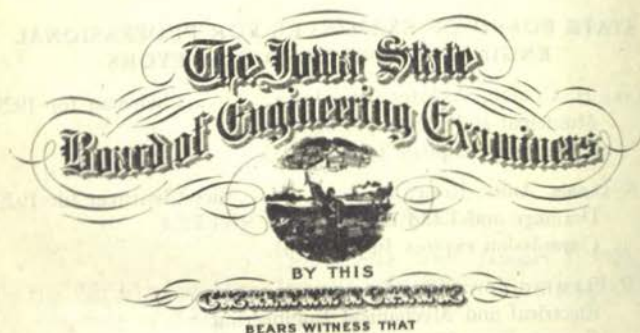
(Signed) C. H. CURRIE, *Chairman,*  
State Board of Engineering Examiners.



STATE BOARD OF EXAMINERS FOR PROFESSIONAL  
ENGINEERS AND LAND SURVEYORS

- CLARE H. CURRIE, Webster City, Iowa.....Chairman for 1929  
Municipal and Sanitary Engineering  
Commission expires July 1, 1931.
- J. S. DODDS, Ames, Iowa.....Vice-Chairman for 1929  
Drainage and Land Surveying  
Commission expires July 1, 1931.
- B. P. FLEMING, Iowa City, Iowa.  
Electrical and Mechanical Engineering  
Commission expires July 1, 1929. Resigned December 15,  
1928.
- GEORGE J. KELLER, Iowa City, Iowa.  
Electrical and Mechanical Engineering  
Commission expires June 30, 1929. Appointed to fill unex-  
pired term of B. P. Fleming.
- L. M. MARTIN, Council Bluffs, Iowa.  
Highway and Railway Engineering  
Commission expires July 1, 1931.
- H. W. HARTUPEE, Des Moines, Iowa.  
Structural Engineering  
Commission expires July 1, 1929.
- W. C. MERCKENS, Des Moines, Iowa.....Secretary  
SIDNEY E. BEMIS, Des Moines, Iowa.....Assistant Secretary





*Whose signature appears hereon, has complied with the requirements of Chapter Eighty Nine of the 1927 Code of the State of Iowa and providing for the Examination and Registration of Professional Engineers and Land Surveyors and he is hereby authorized to practise Professional Engineering and Land Surveying.*

WITHIN THE STATE OF IOWA

*Issued at Des Moines, Iowa*

No. \_\_\_\_\_



SIGNATURE OF REGISTRANT

*per*

CHAIRMAN

VICE CHAIRMAN

SECRETARY

Facsimile of Certificate issued by Iowa State Board of Engineering Examiners.

## REPORT OF BOARD OF ENGINEERING EXAMINERS

The Iowa State Board of Engineering Examiners was created by an Act of the Thirty-eighth General Assembly, under authority of Chapter 392, effective July 4, 1919.

The first meeting of the Board was held July 14, 1919, at Des Moines, Iowa, and the following appointments were made:

Mr. Seth Dean, Glenwood, four years.

Mr. K. C. Kastberg, Des Moines, four years.

Mr. L. M. Martin, Atlantic, four years.

Mr. F. W. Stubbs, Oelwein, two years.

Mr. Alvin LeVan, Ft. Dodge, two years.

From July 4, 1919, to December 31, 1919, the Board of Engineering Examiners registered all applicants without examination who were in practice at the time the law went into effect. There were 1,062 registered during this period.

During the past two years, approximately 150 filed applications, for examination, of which about ninety appeared to take the examination, about ten of this number failing to pass the examination satisfactorily.

New rules and regulations have been adopted by the Board of Engineering Examiners from time to time, in an effort to raise the standards of the engineering profession generally.

### RECIPROCAL REGISTRATION

Laws of the various states provide for reciprocal registration among the states. The carrying out of these provisions has made it necessary for the several state boards to come to an agreement as to qualifications and conditions for the mutual operation of the several state laws. As a result of conferences between representatives of the several state boards a National Council of State Boards of Engineering Examiners has been formed, and an agreement entered into whereby reciprocal registration can become operative among the states, based on qualifications that will meet all state laws. In most cases this agreement sets a standard higher than the individual state law.

Each state continues to issue its state registration; in addition, where requested, and complying with the requirements, a reciprocal certificate is issued. The card issued by the Council and signed



and sealed by the state board when application is made, is retained by the applicant, and with it a letter or certification is issued to the state where reciprocal registration is desired, to be retained in the files of such state as evidence of the issuance of such registration. This must be accompanied by the regular application with such data as may be required together with the fee required in the state where applicant desires reciprocal registration.

#### STATES WITH MEMBERSHIP IN NATIONAL COUNCIL

Arizona	Iowa	South Carolina
Arkansas	Louisiana	South Dakota
Colorado	Michigan	Tennessee
Florida	Minnesota	Virginia
Idaho	North Carolina	West Virginia
Indiana	Oregon	Wyoming

The following states and provinces of Canada have registration laws for engineers but do not have reciprocal arrangements with the National Council states:

New Jersey	Illinois	New Brunswick
New York	California	Quebec
New Mexico	Alberta	Nova Scotia
Pennsylvania	British Columbia	Ontario
Hawaii	Manitoba	

#### NATIONAL COUNCIL OF STATE BOARDS OF ENGINEERING EXAMINERS REVISED ARTICLES OF AGREEMENT RELATING TO RECIPROCAL REGISTRATION OF ENGINEERS.

Article 1. Reciprocal registration as provided for in these Articles of Agreement shall be granted only to an applicant who is already registered in some state which is a member of this Council. A detailed professional record, properly attested, and accompanied by references as to character and qualifications from three registered practicing engineers shall be filed with the applicant's board of examiners. Qualifications for reciprocal registration shall be determined upon the basis of such professional record, thorough consideration of which shall constitute examination.

Article 2. Engineering experience gained by the applicant prior to his reaching the age of eighteen years shall not be counted as a part of his professional experience.

Article 3. Professional experience shall be considered as beginning when the candidate has entered upon a position in professional engineering work which requires original thought and responsibility. For example:

(a) In the field experience shall begin to count when the applicant reaches a position of responsibility equivalent to that of actual transitman.

(b) In the shop or laboratory experience shall begin to count only after apprenticeship, foremanship, inspectorship, or other subordinate positions, unless the work done specifically shows that the applicant possesses originality of design and has had responsibility in his subordinate positions.

(c) In the office or drafting room experience shall begin to count when the applicant ceases to do merely tracing, lettering, or purely mechanical work, requiring for its performance merely manual dexterity and enters a position of responsibility where he begins actual design.

(d) Experience in the teaching of engineering shall begin to count when the applicant is a full time instructor in engineering in an engineering school of recognized standing, and each year of teaching shall be considered equivalent to one year of practice.

Article 4. The applicant shall have had ten years of experience in professional engineering, and in addition shall show that he qualified to design as well as to direct engineering operations, as evidence of qualifications for reciprocal registration, and his experience record shall show progressive advancement in the character of the work performed.

Each case shall be considered on its merits, and the experience record must be given in such complete detail that the Board of Examiners can determine the character of work performed by the applicant.

Article 5. Graduation from an engineering school of recognized standing shall be accepted as the equivalent of four years of such practice.

An engineering school of recognized standing shall be one which requires the equivalent of a high school or preparatory school diploma as an entrance requirement and demands the equivalent of a four years' course in engineering for graduation.

Article 6. Making reciprocal registration operative between the states shall be done by means of certifications from one state to another of the applicant's qualifications. This certification shall be by means of a card or form bearing the date, serial number, and the signatures of the officers and the seal of the board of the state issuing same. This card is to be printed and distributed by the National Council of State Boards of Engineering Examiners.

Article 7. Whenever an applicant applies to his own state board for reciprocal registration, if his qualifications fully comply with the standard herein provided, he shall be granted the same.

(NOTE—The Council has by resolution interpreted "that he may be granted a reciprocal card by the state in which he was first registered, provided the state of which he is a resident does not have a law providing for the registration of engineers.")

Article 8. The aforesaid reciprocal registration certificate shall be prima facie evidence of qualification for registration in any state that is a member of this Council and that has subscribed to these Articles of Agreement. When such reciprocal registration certificate is presented, together with the legal fee required, and such information (other than evidence of qualification) as may be requested for the records of the Board to which the application is made, such board shall issue a registration certificate to the applicant.

Article 9. Any reciprocal certificate may be revoked by the state issuing same upon presentation to its Board of Examiners of good and sufficient evidence of the incompetency or proof that the applicant's character warrants such revocation.

Article 10. Should any questions or disagreements in the interpretation of these Articles arise, such questions shall be referred to the Council for action at its next regular meeting, or if more expeditious action shall be necessary, they may be acted upon by the Council by letter ballot.

If action is taken by letter ballot, such action shall be conducted through the office of the Secretary of the Council in the customary manner; and the votes shall be counted not later than sixty days after forwarding from his office, by registered mail, of questions at issue. The Secretary of the Council shall thereupon immediately certify to the various member boards the roll call and results of the vote, and the determination of the questions at issue; and consequent actions shall be in accordance with the majority of the votes recorded.

#### RULES AND REGULATIONS RECIPROCITY

Reciprocal certificates will only be granted if an examination therefor has been held by the State Board granting such certificate.

State Boards of Engineering Examiners with which we have reciprocal



relations will be given a list of registrants whose certificates have been revoked, together with the reason for such action.

This Board will issue, upon application and receipt of the fee, as provided by law, our own registration certificate to any person from any of the states with which we have reciprocal agreements, presenting satisfactory evidence that he is registered in good standing with, and recommended by the Board of the State in which applicant is first registered.

To persons registered in other states than those approved and making application, our registration certificate will be denied except as they satisfy the Iowa Board by examination or other evidence acceptable in the judgment of the Board that they are competent professional engineers and (or) Land Surveyors in conformity with Sections 1855 and 1866 of the Iowa law.

Examinations conducted for the purpose of granting reciprocity will be in one of the general branches such as Civil, Mechanical, or Electrical, rather than in special branches such as Highway, Drainage, Heating and Ventilating, et cetera.

Applicants for reciprocal registration who were registered under the "Grandfather Clause" without examination must appear before the Board of Examiners for examination before reciprocal registration can be granted.

#### PRACTICE OF ENGINEERING PENDING EXAMINATION

Any person, or persons, desiring to practice engineering will be required to make formal application to the Iowa State Board of Engineering Examiners for registration before beginning such work in the state of Iowa. They shall be allowed to practice not more than 90 days before securing said registration, and the Board of Engineering Examiners shall arrange to hold called meetings of said Board for examination of applicants at such periods as will enable the applicants to secure said examinations within the time limit above mentioned.

#### TIME LIMIT FOR TAKING LAND SURVEYING EXAMINATION UNDER ONE FEE

Applicants applying for registration as Land Surveyor after the time they apply for Professional Engineering, in order to receive registration for both under the one fee of Twenty-five (\$25.00) Dollars, but who do not take examinations for both branches at the same time, shall appear and take examinations for both branches within one year from the date of the first examination. Upon failure to do so, a new application shall be required, with a new fee of Twenty-five (\$25.00) Dollars.

#### RULES RELATING TO EXAMINATIONS

Before notifying any applicant to appear for examination, a digest of his training and experience shall be submitted to the members of the Board for approval, and no one will be admitted for examination until he has had the full amount of training and experience required by law.

At each examination, one day shall be devoted to questions on fundamentals in all branches of engineering, and one day shall be devoted to examination on professional questions.

At the time of examination, each candidate shall be given similar sets of ten questions each for fundamentals and the several branches of engineering.

The final rating of an applicant shall be determined by the following:

Personality, having to do also with character and executive ability; ten per cent of total rating.

Experience, (nature and extent); fifteen per cent of total rating.

Examination in fundamentals, consisting of ten questions in writing, thirty-five per cent of total rating.

Examination on principles of good practice, consisting of a certain number of questions in writing, depending upon the branch of engineering taken; forty per cent of total rating.

A grade of seventy (70%) per cent shall be considered a passing grade.

Examinations given subsequent to one or more in which an applicant may

have failed, shall be complete in themselves, and no former examinations or any parts thereof shall have any consideration whatsoever.

All applicants shall be notified of two consecutive Engineering Board meetings after their application is filed with this office.

The examinations are usually held in the Senate Chamber in the State House at Des Moines, Iowa.

An extra charge of \$2.00 shall be made for issuing duplicate certificates to any registered engineer.

#### FINANCIAL STATEMENT

##### FOR THE YEAR ENDING DECEMBER 31, 1928

###### RECEIPTS

Balance on hand December 31, 1927.....	\$ 14,215.71
Registration fees received.....	1,300.00
Reimbursement on envelopes.....	230.20
Renewal fees—1928.....	\$ 90.00
Renewal fees—1929.....	2,284.00
	<u>2,374.00</u>
Total.....	\$ 18,119.91

###### DISBURSEMENTS

Traveling and incidental expense of Board members.....	\$ 342.14
Fees of Board members.....	235.00
Stamps, stationery, printing, etc.....	197.72
Clerk hire.....	441.94
	<u>\$ 1,216.80</u>
Balance—December 31, 1928.....	16,903.11

#### PROFESSIONAL ENGINEERING BRANCHES

Highway.  
Municipal and Sanitary.  
Water Supply and Sewerage.  
Drainage.  
Structural.  
Mechanical.  
Electrical.  
Railroad.  
Land Surveying.



## RECIPROCITY

Certificates for Reciprocal Registration have been granted to the following registered engineers of Iowa:  
(x—Deceased February 14, 1927. \*—Revoked December 1, 1927.)

Reciprocal Certificate No.	Name	Registration Number	Date
2701	xSeth Dean	1	October 15, 1923
2702	K. C. Kastberg	3	October 15, 1923
2703	*F. W. Stubbs	4	October 15, 1923
2704	*Alvin Le Van	2	October 15, 1923
2705	L. M. Martin	5	October 15, 1923
2706	B. P. Fleming	940	October 15, 1923
2707	*C. S. Nichols	781	October 15, 1923
2708	A. W. Bedell	1118	December 28, 1923
2709	Lafayette Higgins, Sr.	17	January 29, 1924
2710	K. C. Gaynor	21	January 29, 1924
2711	John C. Tunnell	149	January 29, 1924
2712	Hugh A. Chambers	219	January 29, 1924
2713	Chester C. Woodburn	449	January 29, 1924
2714	Clyde V. Downing	631	January 29, 1924
2715	*Edward K. Mather	950	January 29, 1924
2716	William P. Nemmers	1000	January 29, 1924
2717	Lawrence W. Cox	45	April 21, 1924
2718	W. H. Miner	53	April 21, 1924
2719	H. W. Hartup	278	December 2, 1924
2720	(Cancelled)	15	January 25, 1925
2721	Anson Marston	1116	April 24, 1925
2722	Lafayette Higgin, Jr.	1058	May 4, 1925
2723	Ralph H. Greenwood	1238	May 4, 1925
2724	*Carl B. Moe	1063	May 4, 1925
2725	Lynn T. Andrus	1128	May 4, 1925
2726	E. E. Schenk	570	May 4, 1925
2727	David N. Crosthwait, Jr.	71	September 21, 1925
2728	J. C. Watkins	1163	September 21, 1925
2729	C. J. Steigleder	(Cancelled)	
2730	(Cancelled)	1211	March 11, 1926
2731	Leslie B. Taylor	1249	March 23, 1926
2732	Robert D. Cochran	148	March 23, 1926
2733	George E. Oliver	963	September 21, 1926
2734	Clare H. Currie	1190	September 21, 1926
2735	Clark E. Jacoby	1231	September 21, 1926
2736	J. J. McShane	1099	February 7, 1927
2737	Harvey A. Davis	1104	February 22, 1927
2738	Rolland S. Wallis	1106	April 26, 1927
2739	A. H. Fuller	100	April 26, 1927
2740	John S. Dodds	1258	April 26, 1927
2741	Roy K. Zippodt	153	April 26, 1927
2742	Walter E. Buell	1299	December 6, 1927
2743	Frank M. Hartley	20	March 30, 1928
2744	George W. Miller	161	April 26, 1928
2745	Joel H. Mayne	1097	July 6, 1928
2746	U. F. Turpin	574	December 4, 1928
2747	James A. Lysaght	469	December 4, 1928
2748	John M. Tipton	127	December 4, 1928
2749	Henry H. Dean	1407	December 4, 1928
2750	Herman G. Crew		

## ROSTER OF REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS

Authorized to practice in the State of Iowa, as of January 1, 1929.  
Key to abbreviations: P. E., Professional Engineer; L. S., Land Surveyor.

Certificate No.	Name	Address	Branch of Engineering
1077	Abbott, Lester S.	247-23rd Ave. N., Clinton, Iowa	P. E. & L. S.
359	Abram, Wm. A.	3214 Woodland Ave., Des Moines, Iowa	P. E. & L. S.
1022	Ackerman, George E.	1017 Wemona Ave., Oak Park, Ill.	P. E. & L. S.
1039	Acker, Robert L.	3220 Dupont Ave. S., Minneapolis, Minn.	P. E.
564	Adams, David E.	Hampton, Iowa	P. E. & L. S.
410	Adams, Joseph Q.	Centerville, Iowa	P. E. & L. S.
353	Adams, W. Neil	711 Hodge Ave., Ames, Iowa	P. E. & L. S.
261	Adelstein, Morris E.	Kodoka, South Dakota	P. E. & L. S.
23	Agg, Thomas R.	707 Hodge Avenue, Ames, Iowa	P. E.
1213	Albaugh, Carl B.	1405 Kellogg Avenue, Ames, Iowa	P. E.
1245	Albright, Eugene Henry	3413 Queen Lane, East Fall Station, Philadelphia, Penn.	P. E. & L. S.
508	Alden, Frederick S.	South Main Street, Covington, Tenn.	P. E. & L. S.
727	Alexander, Archie A.	503 Frankel Bldg., Des Moines, Iowa	P. E. & L. S.
524	Alexander, Philip V.	Guthrie Center, Iowa	P. E.
1042	Allen, Andrews	332 South Michigan Ave., Chicago, Ill.	P. E.
1315	Alsin, Wm. M.	732-18th Street, Des Moines, Iowa	P. E.
487	Altflisch, Charles	117 Winnebago St., Decorah, Iowa	P. E.
1036	Alvord, John W.	1417 Hartford Bldg., Chicago, Ill.	P. E.
1168	Amble, Fred	300 Corn Exchange Bldg., Minneapolis, Minn.	P. E.
635	Ames, John H.	603 Northwestern Ave., Ames, Iowa	P. E. & L. S.
730	Anderson, Oscar Th.	321-4th St. N. E., Mason City, Iowa	P. E. & L. S.
199	Anderson, Benton R.	1110 Pershing Blvd., Clinton, Iowa	P. E. & L. S.
496	Anderson, Eugene	779 Julian Avenue, Dubuque, Iowa	P. E. & L. S.
1371	Anderson, Fred A.	Metropolitan Utilities District, Omaha, Neb.	P. E.
284	Anderson, F. F.	Epworth, Iowa	P. E. & L. S.
233	Anderson, John L.	Bondurant, Iowa	P. E.
504	Anderson, Roy W.	409 A. Reed Street, Red Oak, Iowa	P. E.
754	Anderson, Walter L.	Primghar, Iowa	P. E. & L. S.
1246	Anderson, Wendell D.	Griffin, Georgia	P. E.
1063	Andrus, Lynn T.	Iowa State Highway Comm., Ames, Iowa	P. E.
590	Apple, Chas. E.	225 North Lincolnway, Ames, Iowa	P. E. & L. S.
408	Archer, Elmer T.	609 New England Bldg., Kansas City, Mo.	P. E. & L. S.
1124	Arend, Albert C.	210 Bankers Reserve Life Bldg., Omaha, Neb.	P. E.
328	Arneson, Frank W.	Court House, Decorah, Iowa	P. E. & L. S.
1052	Arnold, Ralph	466 Grain Exchange Bldg., Sioux City, Ia.	P. E. & L. S.
121	Austin, Fred H.	1041-2nd St., Webster City, Iowa	P. E. & L. S.
820	Austin, Roy G.	919 Division St., Webster City, Iowa	P. E. & L. S.
1316	Avenell, R. H.	221 Hudson Street, Storm Lake, Iowa	P. E.
833	Ayres, Harry L.	425 S. 12th St., Keokuk, Iowa	P. E. & L. S.
1106	Ayres, Quincy C.	Iowa State College, Ames, Iowa	P. E. & L. S.
257	Bagg, Louis E.	501 E. Rusholme Street, Davenport, Ia.	P. E. & L. S.
1026	Baile, O. A.	1305 W. 105th St., Chicago, Ill.	P. E. & L. S.
259	Bair, Clarence V.	873-39th St., Des Moines, Iowa	P. E. & L. S.
476	Bair, Jack E.	1239-24th St., Des Moines, Iowa	P. E.
711	Baker, Archie G.	1412 Edgington Ave., Eldora, Iowa	P. E. & L. S.
511	Baker, L. Scott	451 S. Lincoln St., Denver, Colo.	P. E. & L. S.
110	Baldwin, Robert L.	402 Interstate Bldg., Kansas City, Mo.	P. E.
1023	Ball, Lester H.	1744 Sheridan Road, North Chicago, Ill.	P. E. & L. S.
735	Barber, DeLoss H.	Box 142, University Station, Tucson, Ariz.	P. E. & L. S.
288	Barber, Nathan B.	115 Sheridan Road, Waterloo, Iowa	P. E. & L. S.
1412	Barker, Clark A.	4107 2nd St., Des Moines, Iowa	P. E. & L. S.
644	Barker, Wm. E.	Anamosa, Iowa	P. E. & L. S.
1215	Barnard, Paul F.	1240 Orchard Drive, Ames, Iowa	P. E.
1142	Bartell, Albert R.	Chariton, Iowa	P. E. & L. S.
757	Bartholow, C. A.	201-3rd Ave., Auburn, Iowa	P. E. & L. S.
1056	Bartley, John S., Jr.	912 Clough St., Waterloo, Iowa	P. E.
1122	Bartown, Edward	Chemistry Department, University of Iowa, Iowa City, Iowa	P. E.
367	Bassett, Thomas C.	1631 Park Avenue, Cedar Rapids, Iowa	P. E. & L. S.
44	Bates, Herbert R.	476 2nd St., Wood River, Ill.	P. E. & L. S.
1143	Battern, Algy R.	2102 6th Ave. N., Fort Dodge, Iowa	P. E.
458	Baum, Henry J.	1228 13th Avenue, Altoona, Penn.	P. E. & L. S.
225	Baustian, Alfred A.	Storm Lake, Iowa	P. E. & L. S.
208	Beard, Wm. F.	816 Kellogg Ave., Ames, Iowa	P. E. & L. S.



## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
706	Beaty, Floyd A.	Des Moines Electric Light Co., Des Moines, Iowa	P. E. & L. S.
1373	Beckner, Chas. A.	Ossage, Iowa	P. E.
1118	Bedell, Archer W.	City Engineer, Faribault, Minn.	P. E. & L. S.
1169	Behrens, Wm. H.	Pomeroy, Iowa	P. E. & L. S.
255	Beiter, G. C.	610 Michigan Ave., Evanston, Ill.	P. E. & L. S.
248	Bemis, Edward W.	332 S. Michigan Ave., Chicago, Ill.	P. E. & L. S.
247	Bemis, Walter S.	332 S. Michigan Ave., Chicago, Ill.	P. E. & L. S.
448	Bemis, Wm. S., Jr.	1103 Polk Blvd., Des Moines, Iowa	P. E. & L. S.
1385	Bennett, K. M.	422 Burch St., Dubuque, Iowa	P. E.
699	Benson, Arthur W.	1816 E. 12th St., Des Moines, Iowa	P. E. & L. S.
1312	Benson, Jesse Noble	2531 E. Grand Ave., Everett, Wash.	P. E. & L. S.
768	Benson, Roy A.	416 Valley National Bank Bldg., Des Moines, Iowa	P. E. & L. S.
1170	Bents, Chester R.	Leon, Iowa	P. E.
1423	Berrier, Willis H.	Columbus Junction, Iowa	P. E.
258	Berry, John W.	419 S. Johnson St., Iowa City, Iowa	P. E. & L. S.
824	Berthe, Lucius T.	405 S. Franklin St., Charleston, Mo.	P. E. & L. S.
335	Bickel, Willis F.	McGregor, Iowa	P. E. & L. S.
213	Bickelhaupt, Wm. V.	644 46th St., Des Moines, Iowa	P. E. & L. S.
1340	Bird, Byron	1602 2nd Ave. N., Fort Dodge, Iowa	P. E. & L. S.
461	Bishop, Roy P.	911 Magnolia Ave., Charlotte, N. C.	P. E. & L. S.
863	Black, Ernest B.	424 W. 60th Street Terrace, Kansas City, Mo.	P. E. & L. S.
178	Blumenschein, Edward	531 Welch Ave., Ames, Iowa	P. E. & L. S.
1028	Bloomport, Henry	War Department, U. S. Engineer's Office, 1006 McCall Bldg., Memphis, Tenn.	P. E. & L. S.
324	Blue, Marts D.	834 16th Street, Des Moines, Iowa	P. E. & L. S.
725	Blunt, Grover A.	1045 W. 3rd St., Dubuque, Iowa	P. E. & L. S.
526	Boardman, Frank M.	Telephone Bldg., Nevada, Iowa	P. E.
204	Boek, Carl A.	504 Ludlow Bldg., Dayton, Ohio	P. E. & L. S.
1016	Bogardus, Ray R.	28 4th St. N. W., Mason City, Iowa	P. E. & L. S.
944	Bogart, Albert L.	621 Metropolitan Bldg., Minneapolis, Minn.	P. E. & L. S.
686	Bogges, Lester L.	1220 N. 6th St., Estherville, Iowa	P. E. & L. S.
297	Bolan, Wilbur C.	1823 Franklin Ave., Des Moines, Iowa	P. E.
444	Bolta, Jeremiah J.	219 Locust Lodge, Council Bluffs, Iowa	P. E.
128	Bonebrake, J. W.	Lacona, Iowa	P. E. & L. S.
1012	Bonham, Paul	P. O. Box 1024, Gulfport, Miss.	P. E. & L. S.
795	Bonnell, Joseph E.	c/o Texas Portland Cement Co., Dallas, Tex.	P. E.
605	Borg, Elmer H.	810 Hubbell Bldg., Des Moines, Iowa	P. E.
1172	Bosshard, Albert O.	Hayesville, Iowa	P. E.
272	Boudinot, Allen R.	604 E. 14th St., Davenport, Iowa	P. E. & L. S.
872	Bowling, Jackson W. Jr.	Marion, Iowa	P. E. & L. S.
1241	Bowling, Benjamin L.	12 M. B. A. Bldg., Mason City, Iowa	P. E. & L. S.
349	Bowman, Harry	1103 Douglas Ave., Ames, Iowa	P. E. & L. S.
978	Boye, Ernest	1714 Indiana St., Lawrence, Kan.	P. E. & L. S.
1378	Boyd, Donald Lindsey	405 Witter St., North Canton, Ohio	P. E.
835	Boyle, Ralph E.	Indianola, Iowa	P. E. & L. S.
580	Boyles, Ralph R.	1966 St. Clair St., St. Paul, Minn.	P. E. & L. S.
538	Boysne, John H.	120 S. Main St., Council Bluffs, Iowa	P. E. & L. S.
1071	Boynton, John H.	Clarion, Iowa	P. E. & L. S.
728	Brady, John T. Sr.	City Hall, Ottumwa, Iowa	P. E. & L. S.
939	Brainerd, O. E.	48 Ward Ave., Northampton, Mass.	P. E. & L. S.
240	Brandt, John C.	2754 Telegraph Road, Davenport, Iowa	P. E. & L. S.
330	Brandt, Roy E.	328 8th St., Ames, Iowa	P. E. & L. S.
1216	Breitengross, R. A.	Box No. 5, Buffalo, Iowa	P. E.
1259	Briar, Virgil Raymond	3500 52nd St., Des Moines, Iowa	P. E.
1088	Briggs, Rollin Pickett	3906 Thomas Ave., S. Minneapolis, Minn.	P. E. & L. S.
608	Bristol, Cyrus J.	4000 University, Des Moines, Iowa	P. E.
51	Bristol, Fred T.	1705 Mar Ella Trail, Des Moines, Iowa	P. E. & L. S.
1247	Britton, Byron G.	2205 Exchange St., Keokuk, Iowa	P. E. & L. S.
81	Broom, Benjamin A.	5514 Blackstone Ave., Chicago, Ill.	P. E.
739	Brown, Elwyn N.	312 14th St., Belle Plaine, Iowa	P. E. & L. S.
1360	Brown, Floyd K.	Leon, Iowa	P. E. & L. S.
802	Brown, Horace A.	720 North Court, Ottumwa, Iowa	P. E. & L. S.
64	Brown, Le Roy	620 2nd St., East, Cresco, Iowa	P. E. & L. S.
1145	Brown, Paul Clay	926 E. Davenport St., Iowa City, Iowa	P. E.
108	Brown, Victor J.	7036 Ozark Ave., Chicago, Ill.	P. E. & L. S.
866	Brown, Walter M.	131 N. Grandview Ave., Dubuque, Iowa	P. E.
549	Bruce, John A.	Bankers Reserve Life Bldg., Omaha, Neb.	P. E. & L. S.

## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
409	Brunt, Arthur H.	Sigourney, Iowa	P. E.
88	Bryant, Monroe H.	Jefferson Co. Court House, Fairfield, Iowa	P. E. & L. S.
1146	Buckman, Irvyl C.	Assistant County Engineer, Adel, Iowa	P. E. & L. S.
25	Budd, John W.	3721 E. 42nd St., Des Moines, Iowa	P. E. & L. S.
153	Buell, Walter E.	Suite 337, Grain Exchange Bldg., Sioux City, Iowa	P. E. & L. S.
746	Buehler, Wm.	405-10 Grain Exchange Bldg., Sioux City, Iowa	P. E. & L. S.
368	Burch, David W.	329 Old Masonic Temple, Davenport, Iowa	P. E.
1035	Burdick, Chas. Baker	1417 Hartford Bldg., Chicago, Ill.	P. E. & L. S.
1126	Burnet, George	955 S. 17th St., Fort Dodge, Iowa	P. E.
1144	Burnie, Arthur I.	602 Orest-Leslie Bldg., Kansas City, Mo.	P. E. & L. S.
789	Burr, Howard B.	807 Riverside Drive, Waterloo, Iowa	P. E.
401	Burrows, John A.	2853 Rutland Ave., Des Moines, Iowa	P. E.
414	Burrows, James M.	2nd and New York Sts., Des Moines, Iowa	P. E. & L. S.
646	Burt, Austin	406 West H. Street, Ontario, Calif.	P. E. & L. S.
1248	Burton, Wm.	Waterloo, Iowa	P. E.
1083	Butcher, Romeo W.	Bucknell, Iowa	P. E.
1173	Butter, John G.	2602 Avenue D, Council Bluffs, Iowa	P. E. & L. S.
92	Cain, Fred L.	301 Summit Avenue, Shenandoah, Iowa	P. E.
980	Caldwell, Frank D.	Care City Engineer, Shenandoah, Iowa	P. E. & L. S.
1361	Caldery, J. P.	Harlan, Iowa	P. E. & L. S.
860	Campbell, Allan B.	Room 2650, 420 Lexington Avenue, New York City, New York	P. E.
382	Campbell, Floyd	644 W. 4th St., Spencer, Iowa	P. E. & L. S.
39	Campbell, Guy R.	Emmettsburg, Iowa	P. E. & L. S.
989	Campbell, Ralph H.	Care Atlas Portland Cement Co., 25 Broadway, New York City, New York	P. E. & L. S.
43	Candfield, Lloyd A.	3204 Southwest 8th St., Des Moines, Iowa	P. E. & L. S.
1291	Canon, Guy F.	Atlantic, Iowa	P. E. & L. S.
831	Canoy, Earl H.	State Highway Commission, Sioux City, Iowa	P. E.
604	Capper, Charles	Adel, Iowa	P. E. & L. S.
537	Capper, Howard M.	Pennsylvania Department of Highway, Division 7, Harrisburg, Pa.	P. E. & L. S.
1275	Carey, Edward T.	803 6th Ave. S., Clinton, Iowa	P. E.
1057	Carleton, Wilson	1112 Park Avenue, Des Moines, Iowa	P. E.
859	Carlson, Ernest E.	Battle Creek, Iowa	P. E.
1288	Carlson, W. F.	Box 502, Corydon, Iowa	P. E. & L. S.
1346	Carpenter, John S.	1117 Burton Avenue, Waterloo, Iowa	P. E.
1387	Carson, E. B.	Harlan, Iowa	P. E. & L. S.
473	Cassell, Raymond C.	615 Davis, Des Moines, Iowa	P. E.
220	Caughey, Robert A.	224 Stanton Ave., Ames, Iowa	P. E. & L. S.
885	Caywood, Thos. G.	523 29th Ave., Iowa City, Iowa	P. E.
558	Chambers, Frank C.	1016 1/2 8th St., Des Moines, Iowa	P. E.
219	Chambers, Hugh A.	627 C. R. S. B. Bldg., Cedar Rapids, Ia.	P. E. & L. S.
1329	Chantry, W. K.	123 6th Avenue, Clinton, Iowa	P. E.
11	Chase, Chas. P.	1607 S. Summit Ave., Sioux Falls, S. D.	P. E. & L. S.
933	Chenoweth, Albert A.	902 Walker St., Woodbine, Iowa	P. E. & L. S.
1276	Cherry, Thomas A.	1011 E. Rusholme St., Davenport, Iowa	P. E.
87	Chesbro, Harry G.	Box 434, Okaloosa, Iowa	P. E.
330	Christensen, Geo. L.	113 W. 5th St., Los Angeles, Calif.	P. E. & L. S.
453	Christensen, Louis A.	309 S. Jones St., Algona, Iowa	P. E. & L. S.
783	Chubb, Chas. E.	1350 Arthur St., N. E., Minneapolis, Minn.	P. E. & L. S.
901	Clapper, Lyle	Division Engineer, 119 E. 20th St., Joplin, Mo.	P. E.
948	Clark, Geo. Lyman	220 E. 80th St., Chicago, Ill.	P. E. & L. S.
400	Clark, Harry M.	185 Perry St., Pontiac, Mich.	P. E.
909	Clark, Robert J.	206 Masonic Temple, Des Moines, Iowa	P. E.
1340	Clark, Roy L.	910 Kahl Bldg., Davenport, Iowa	P. E.
668	Clausen, Rudolph J.	113 W. 5th St. Bldg., Cedar Rapids, Iowa	P. E.
1331	Clauson, Leslie M.	1401 Seigel St., Tama, Iowa	P. E.
1174	Clayton, Lloyd E.	513 Ash Ave., Ames, Iowa	P. E.
355	Cleghorn, Mark P.	Ames, Iowa	P. E.
515	Clemens, Adam	1468 Harvard St., Washington, D. C.	P. E.
1240	Clement, Donald B.	928 Clark Ave., Ames, Iowa	P. E. & L. S.
90	Clement, Lester L.	301 E. Anthony St., Corydon, Iowa	P. E. & L. S.
559	Clingan, Elmer G.	703 Ridgewood Ave., Ames, Iowa	P. E. & L. S.
830	Clyde, Ray W.	Glendale, Arizona	P. E. & L. S.
1249	Cochran, Robert D.		P. E. & L. S.



## REPORT OF BOARD OF ENGINEERING EXAMINERS

## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
322	Coffeen, A. R.	Decorah, Iowa	P. E. & L. S.
622	Colby, F. H.	3811 Jackson St., Sioux City, Iowa	P. E. & L. S.
1015	Colganier, E.	Jefferson, Iowa	P. E. & L. S.
1325	Conklin, Harry Lee	Mapleton, Iowa	P. E. & L. S.
75	Conley, Glenn L.	Osage, Iowa	P. E. & L. S.
598	Conlon, Bernard J.	1008 W. 17th St., Davenport, Iowa	P. E. & L. S.
130	Cook, Alfred B.	815 6th Ave., Council Bluffs, Iowa	P. E.
1350	Cook, Coleman H.	876 Spruce St., Winnetka, Ill.	P. E. & L. S.
415	Cook, Ernest E.	721 Lewis St., Burlington, Iowa	P. E. & L. S.
858	Cook, Eugene	208 Meriam Block, Council Bluffs, Iowa	P. E. & L. S.
974	Cook, Henry E.	care Iowa State Highway Commission, Sioux City, Iowa	P. E. & L. S.
339	Cook, James N.	106 N. Market St., Ottumwa, Iowa	P. E. & L. S.
392	Cook, Paul D.	County Engineer, Cherokee, Iowa	P. E. & L. S.
222	Cool, Claude A.	2303 Joseph St., New Orleans, La.	P. E. & L. S.
976	Coombes, James L.	512 E. Main St., Manchester, Iowa	P. E. & L. S.
202	Coomer, Ross M.	335 Broadway, Newark, N. J.	P. E.
981	Cooper, Ralph Lowry	311 United Bank Bldg., Sioux City, Iowa	P. E. & L. S.
934	Cooper, Wm. C.	108 Marshall, Boone, Iowa	P. E. & L. S.
1314	Copeland, Ronald Everett	2318 E. 13th St., Des Moines, Iowa	P. E. & L. S.
83	Corcoran, Harry J.	care Consoer, Older & Quinlan, Inc., 205 West Wacker Drive, Chicago, Ill.	P. E. & L. S.
491	Cordiner, W. S.	431 Insurance Exchange Bldg., Des Moines, Iowa	P. E. & L. S.
1319	Cory, H. L.	2534 Cortland St., Chicago, Ill.	P. E. & L. S.
1405	Cox, Carl Eugene	526 Liberty Bldg., Des Moines, Iowa	P. E.
45	Cox, Lawrence W.	County Engineer, Independence, Iowa	P. E.
170	Coykendall, Claud C.	1939 S. 13th St., Lincoln, Neb.	P. E. & L. S.
880	Craig, Dan S.	808 Ridgewood Ave., Ames, Iowa	P. E. & L. S.
137	Craig, Robert C.	1431 41st St., Des Moines, Iowa	P. E. & L. S.
684	Crawford, Matthew O.	Monkton, Iowa	P. E.
528	Crawford, Wm. W.	4267 Duane Ave., Detroit, Mich.	P. E. & L. S.
1416	Critts, H. E.	care K. S. A. C., Manhattan, Kansas	P. E.
300	Critts, Paul F.	Cresco, Iowa	P. E.
1089	Croft, Le Roy M.	care U. S. Bureau of Public Roads, Washington, D. C.	P. E. & L. S.
1101	Crossman, Ralph S.	Toledo, Iowa	P. E. & L. S.
570	Crowthait, J. Dav. N.	1107 S. Bussey Ave., Urbana, Ill.	P. E. & L. S.
1407	Crow, Herman G.	402 N. 4th Ave., Marshalltown, Iowa	P. E.
1175	Crowley, Miles Edward	313 9th St., N. W., Mason City, Iowa	P. E.
227	Crowley, Orville W.	700 S. & L. Bldg., Des Moines, Iowa	P. E. & L. S.
1367	Croyle, S. E.	S. & L. Bldg., Des Moines, Iowa	P. E. & L. S.
436	Crum, Roy W.	care Iowa State Highway Commission, Ames, Iowa	P. E. & L. S.
759	Cullane, James L.	701 Ridgewood Ave., Ames, Iowa	P. E.
112	Cullen, Walter H.	Des Moines Electric Co., Des Moines, Iowa	P. E.
421	Cunningham, Albert H.	1283 Curtis St., Dubuque, Iowa	P. E. & L. S.
376	Cunningham, Chester W.	625 Early St., Storm Lake, Iowa	P. E. & L. S.
1400	Cunningham, Thomas F.	1343 S. 36th St., Omaha, Neb.	P. E. & L. S.
6	Currie, Clare H.	New Hampton, Iowa	P. E.
672	Currie, Joseph E.	814 Division St., Webster City, Iowa	P. E. & L. S.
1148	Curtis, Donald D.	180 W. 1st Ave., Waterloo, Iowa	P. E. & L. S.
201	Curtis, J. H.	101 N. Engineering Hall, Iowa City, Iowa	P. E. & L. S.
895	Curtis, Thomas H.	Charles City, Iowa	P. E. & L. S.
362	Dale, Benjamin C.	Homewood Engineer, Falls City, Neb.	P. E.
68	Damerow, Harry W.	County Engineer, Vere Beach, Fla.	P. E. & L. S.
961	Damon, Philip E.	City Engineer, Vere Beach, Fla.	P. E. & L. S.
497	Daniel, Howard L.	724 6th St., Ames, Iowa	P. E. & L. S.
1176	Danielson, Wm. McKinley	Truer, Iowa	P. E.
784	Davis, Albion	Superintendent of Highways, Yankton, S. D.	P. E.
310	Davis, Bernard H.	316 Fulton St., Keokuk, Iowa	P. E. & L. S.
55	Davis, Frank L.	405 S. Dodge St., Iowa City, Iowa	P. E. & L. S.
1231	Davis, Harvey A.	518 Haynes Ave., Centerville, Iowa	P. E. & L. S.
1149	Dawson, James S.	Box 14, Crete, Neb.	P. E.
690	Dean, J. George	413 10th St., Ames, Iowa	P. E. & L. S.
127	Dean, Henry H.	City Engineer, Charles City, Iowa	P. E. & L. S.
530	DeButte, William H.	R. F. D. No. 3, Nevada, Iowa	P. E. & L. S.
		Glenwood, Iowa	P. E. & L. S.
		3111 56th St., Des Moines, Iowa	P. E. & L. S.

## FOR THE YEAR ENDING JUNE 30, 1928

## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
357	Decker, Henry H.	2915 Ingersoll Ave., Des Moines, Iowa	P. E. & L. S.
606	Deering, Chas. C.	409 R. U. L. Bldg., Des Moines, Iowa	P. E.
470	Deering, Judson W.	1064 38th St., Des Moines, Iowa	P. E. & L. S.
1227	De La Hunt, R. J.	822 Ridgewood Ave., Ames, Iowa	P. E.
167	DeLong, Theodore S.	515 W. Mills St., Creston, Iowa	P. E. & L. S.
1265	DeLong, Guy W.	113 E. 3rd St., Jamestown, New York	P. E.
439	Denman, Burt J.	2209 Bankers Bldg., Chicago, Ill.	P. E. & L. S.
851	Desparois, Francis R.	1511 Pierce St., Sioux City, Iowa	P. E. & L. S.
276	DeVoe, Philip K.	1001 N. Elm St., Creston, Iowa	P. E. & L. S.
459	Dey, Curtis T.	507 Clinton St., N. Iowa City, Iowa	P. E. & L. S.
1074	Dickinson, Louis E.	120 High St., Keokuk, Iowa	P. E.
189	Dickson, Warren	1422 Walnut St., Des Moines, Iowa	P. E. & L. S.
1241	Dickson, George M.	care City Engineer, Forest City, Iowa	P. E. & L. S.
636	Diehl, E. R.	care City Engineer, Miami, Fla.	P. E. & L. S.
765	Dobson, George D.	West Union, Iowa	P. E.
100	Dodds, John S.	1032 W. 22nd St., Des Moines, Iowa	P. E. & L. S.
1177	Dodge, Byard Almon	Box 202, Ames, Iowa	P. E. & L. S.
1388	Dolph, George L.	717 Walnut St., Webster City, Iowa	P. E. & L. S.
1396	Doty, Glen H.	422 1/2 Chickasha, Ave., Chickasha, Okla.	P. E. & L. S.
1068	Dougherty, James Robert	Thayer, Iowa	P. E.
668	Dow, Fred C.	1418 Avenue "F", Fort Madison, Iowa	P. E. & L. S.
631	Downing, C. V.	Box 210, Waterloo, Iowa	P. E. & L. S.
920	Downs, Joe	320 4th Ave., W., Cedar Rapids, Iowa	P. E. & L. S.
181	Dows, Sutherland C.	P. O. Box 55, Lake City, Fla.	P. E. & L. S.
91	Drabelle, John M.	Iowa Southern Utilities Company, Center ville, Iowa	P. E.
785	Drain, Harry E.	2159 Blake Blvd., Cedar Rapids, Iowa	P. E.
463	Drake, Robert Z.	1263 First Ave., E., Cedar Rapids, Iowa	P. E.
245	Drasda, Frank A.	1355 W. 9th St., Des Moines, Iowa	P. E.
971	Druar, John F.	1392 City National Bank Bldg., Omaha, Neb.	P. E.
1076	Duerr, Raymond	2204 2nd St., N., Clinton, Iowa	P. E. & L. S.
396	Dunn, Everett W.	500-4 Globe Bldg., St. Paul, Minn.	P. E. & L. S.
1268	Durham, John B.	1636 Corse St., Burlington, Iowa	P. E. & L. S.
1298	Durland, Coe R.	1321 S. Newton, Sioux City, Iowa	P. E. & L. S.
695	Easley, John W.	Roane, Iowa	P. E.
641	Ebeling, Arthur B.	Brookings, S. D.	P. E.
1302	Ebeling, Everett E.	Wilson Blvd., Fairfield, Iowa	P. E. & L. S.
63	Eby, Chas. W.	719 Kahl Bldg., Davenport, Iowa	P. E.
1108	Eckles, Walter A.	6810 1/2 Lowe Ave., Chicago, Ill.	P. E.
133	Ederington, Henry H.	care W. C. F. & W. Ry. Co., Waterloo, Ia.	P. E. & L. S.
1013	Ehrhart, Clyde L.	Blue Earth, Minn.	P. E. & L. S.
957	Elder, Donald C.	163 Baltimore & Ohio Depot, Chicago, Ill.	P. E. & L. S.
1050	Eliot, Walter C.	Supt. of Waterworks, Council Bluffs, Iowa	P. E. & L. S.
32	Elliott, George H.	708 W. Summit St., Marshalltown, Iowa	P. E.
791	Englar, D. Sterling	No. West 54th St., New York City, New York	P. E. & L. S.
726	Ernst, Wm. P.	107 7th Ave., Charles City, Iowa	P. E. & L. S.
652	Etnyre, Samuel L.	3415 School St., Des Moines, Iowa	P. E. & L. S.
1304	Eugene, Ernest K.	1640 E. 13th St., Des Moines, Iowa	P. E. & L. S.
266	Ewen, Cecil E.	303 N. 2nd St., Council Bluffs, Iowa	P. E. & L. S.
491	Ewing, Vere R.	547 Englewood Ave., Chicago, Ill.	P. E. & L. S.
468	Eyre, James R.	P. O. Box 176, Muscatine, Iowa	P. E. & L. S.
168	Faber, Daniel C.	1403 Rollins Ave., Des Moines, Iowa	P. E. & L. S.
215	Fahy, Wm. L.	Lock Box 1, St. Vernon, Iowa	P. E. & L. S.
270	Fairbanks, Steward J.	813 9th St., Ames, Iowa	P. E. & L. S.
254	Fairchild, Robert V.	1112 Winchester Ave., Glendale, Calif.	P. E. & L. S.
1005	Fargo, Wm. G.	W. C. F. & N. Ry. Co., Waterloo, Iowa	P. E. & L. S.
229	Farquharson, Thos. S.	Onawa, Iowa	P. E. & L. S.
1178	Faul, Alfred P.	147 S. Mechanic St., Jackson, Mich.	P. E.
447	Ferguson, Elmer L.	1328 W. 9th St., Des Moines, Iowa	P. E. & L. S.
1391	Fick, Adolph	1905 Ingersoll Ave., Des Moines, Iowa	P. E.
522	Fiddick, C. W.	512 United Bank Bldg., Sioux City, Iowa	P. E. & L. S.
979	Finch, Alden D.	P. O. Box 573, Milwaukee, Wis.	P. E.
576	Fink, John L.	West Union, Iowa	P. E. & L. S.
	Finkle, Vernon	2501 Kansas Ave., Omaha, Neb.	P. E. & L. S.
		826 N. 2nd St., Clinton, Iowa	P. E.
		Hampton, Iowa	P. E. & L. S.



## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
499	Finley, Chas. M.	301 Warnock Bldg., Sioux City, Iowa.	P. E. & L. S.
12	Fischer, Albert F.	Independence Corrugated Culvert Co., Ma- son City, Iowa.	P. E. & L. S.
365	Fisher, Herbert B.	Dow City, Iowa.	P. E. & L. S.
331	Fisher, Chas. M.	Maquoketa, Iowa.	P. E. & L. S.
815	Flisk, John M.	323 N. Capitol St., Iowa City, Iowa.	P. E. & L. S.
611	Fitzpatrick, Thomas J.	2002 N. 68th St., Lincoln, Neb.	P. E. & L. S.
903	Fixen, Victor L.	Room 427, Plymouth Bldg., Minneapolis, Minn.	P. E. & L. S.
940	Fleming, Burton P.	629 N. Dubuque St., Iowa City, Iowa.	P. E. & L. S.
348	Flindt, V.	812 Wyandotte St., Kansas City, Mo.	P. E. & L. S.
1362	Flint, Lawrence Lowell.	Box 104, Sanborn, Iowa.	P. E.
679	Ford, Arthur H.	328 Brown St., Iowa City, Iowa.	P. E.
424	Ford, Clarence H.	care Iowa State Highway Commission, Al- berton, Iowa.	P. E. & L. S.
786	Fordyce, Franklin H.	Emmetsburg, Iowa.	P. E. & L. S.
917	Forrest, Victor E.	1936 Thomas Ave. S., Minneapolis, Minn.	P. E. & L. S.
197	Forsbeck, C. D.	618 Paulsen Bldg., Spokane, Wash.	P. E. & L. S.
536	Forsythe, Frank	2305 Cottage Grove Ave., Des Moines, Ia.	P. E.
1309	Forsythe, Leslie Allen	7424 N. Robey St., Ames, Iowa.	P. E.
1274	Foster, Walter L.	Iowa State College, Ames, Iowa.	P. E. & L. S.
868	Fox, Merritt L.	1229 "D" Ave., Cedar Rapids, Iowa.	P. E. & L. S.
568	Frank, Chas. C.	703 Washington St., Eldora, Iowa.	P. E. & L. S.
1212	Frere, Wm. J., Jr.	867 Market St., Lemoyne, Pa.	P. E. & L. S.
565	Fried, George T.	101 N. Russell Ave., Ames, Iowa.	P. E. & L. S.
78	Frink, Orvin K.	Dixon, Illinois.	P. E. & L. S.
1410	Frink, Russell A.	3320 Rollins Ave., Des Moines, Iowa.	P. E.
1104	Fuller, Almon H.	618 N. 6th Ave., Washington, Iowa.	P. E. & L. S.
172	Fuller, Raymond H.	722 Douglas Avenue, Ames, Iowa.	P. E. & L. S.
797	Fuller, W. A.	Rock Rapids, Iowa.	P. E. & L. S.
874	Fulton, Wilbur L.	1917 Ry. Exchange Bldg., St. Louis, Mo.	P. E. & L. S.
125	Furman, Fye, R. C.	2593 Evans St., Omaha, Neb.	P. E. & L. S.
1179	Gaines, Alfred W.	Spirit Lake, Iowa.	P. E. & L. S.
1267	Gardner, Horace C.	care County Engineer, Sigourney, Iowa.	P. E. & L. S.
54	Garland, Walter R.	122 3rd St., Council Bluffs, Iowa.	P. E. & L. S.
519	Garrett, Arthur O.	415 Greenwood Blvd., Evanston, Ill.	P. E. & L. S.
1208	Gates, A. J.	New Hampton, Iowa.	P. E. & L. S.
452	Gaylord, Chas. H.	1607 27th St., Des Moines, Iowa.	P. E. & L. S.
21	Gaynor, Keyes	1712 11th St., Wichita Falls, Texas.	P. E. & L. S.
427	Gebhardt, Ralph W.	723 17th St., Des Moines, Iowa.	P. E. & L. S.
774	Gibbs, Charles DeWitt	527 Trimble Bldg., Sioux City, Iowa.	P. E. & L. S.
1068	Gibson, Ralph A.	349 S. 21st St., E. Cedar Rapids, Iowa.	P. E. & L. S.
287	Gilbert, Earl C.	24 2nd Ave., N. W., LeMars, Iowa.	P. E.
323	Gilbert, George H.	Corydon, Iowa.	P. E. & L. S.
37	Gilbert, Wesley	P. O. Box 667, Hobart, Ind.	P. E. & L. S.
693	Gillechrist, Myri C.	700 Flour Exchange, Minneapolis, Minn.	P. E. & L. S.
428	Gillette, Harry A.	Lock Box 199, Davenport, Iowa.	P. E. & L. S.
1006	Gillette, Roy U.	914 Robbins St., Sac City, Iowa.	P. E. & L. S.
370	Gilliland, Archibald H.	care Byllesby Eng. & Management Corp., Pittsburgh, Pa.	P. E.
1334	Gilman, J. C.	327 6th Ave. W., Cedar Rapids, Iowa.	P. E. & L. S.
1403	Girton, Russell B.	Postoria, Iowa.	P. E. & L. S.
543	Gjellefeld, Olaf N.	Postoria, Iowa.	P. E. & L. S.
394	Gleason, Clarence L.	1007 N. Howard St., Indianola, Iowa.	P. E.
906	Goldthwaite, Byron	Osceola, Iowa.	P. E.
326	Goodrich, Ira E.	Allison, Iowa.	P. E. & L. S.
1232	Gordon, Ernest B.	Forest City, Iowa.	P. E. & L. S.
1413	Goslin, Matthew L.	State Highway Commission, Ames, Iowa.	P. E. & L. S.
899	Gould, Augustus G.	Marengo, Iowa.	P. E. & L. S.
698	Gould, Edward E.	R. No. 8, Waterloo, Iowa.	P. E. & L. S.
337	Gould, Vernon G.	Osage, Iowa.	P. E.
155	Graham, Howard O.	670 Elmwood Ave., Webster Groves, Mo.	P. E.
509	Graham, Paul	Clarion, Iowa.	P. E. & L. S.
241	Graham, Ralph C.	517 Wellman Ave., Davenport, Iowa.	P. E.
629	Graschen, Henry W.	131 S. Oak St., Decatur, Ga.	P. E. & L. S.

## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1059	Gravenkamp, Henry H.	Hamburg, Iowa.	P. E. & L. S.
176	Gray, B. L.	Glenwood, Iowa.	P. E. & L. S.
1342	Gray, Donald W.	Box 80, Knoxville, Iowa.	P. E.
419	Gray, Gaylord E.	304 W. 45th St., Des Moines, Iowa.	P. E.
1021	Greeley, Samuel A.	6 N. Michigan Ave., Chicago, Ill.	P. E. & L. S.
700	Green, Clarence C.	335 18th St., Des Moines, Ill.	P. E. & L. S.
533	Green, H. R.	H. R. Green Co., Cedar Rapids, Iowa.	P. E. & L. S.
1024	Green, Paul E.	400 N. Michigan Ave., Chicago, Ill.	P. E. & L. S.
498	Greene, Wm. J.	117 N. 10th St., Cedar Rapids, Iowa.	P. E. & L. S.
411	Greenleaf, Harold	1220 16th St., Rock Island, Ill.	P. E. & L. S.
1058	Greenwood, Ralph H.	Taber, Iowa.	P. E. & L. S.
86	Griffith, George H.	215 N. Van Buren St., Iowa City, Iowa.	P. E. & L. S.
942	Griffith, Wm. A.	319 E. Main St., Mt. Pleasant, Iowa.	P. E. & L. S.
34	Gross, Chas. E.	West Broadway, Eagle Grove, Iowa.	P. E. & L. S.
356	Grover, Alva J.	108 Mt. Vernon Ave., Council Bluffs, Iowa.	P. E. & L. S.
1091	Grover, Charles H.	912½ Summit St., Toledo, Ohio.	P. E. & L. S.
823	Grover, Forest E.	1111 Harrison St., Council Bluffs, Iowa.	P. E. & L. S.
556	Grupe, Edgar Y.	316 N. 37th St., Omaha, Neb.	P. E. & L. S.
573	Gunn, R. B.	507 Central Ave., Hannibal, Mo.	P. E.
1180	Hahn, Edward W.	Elkader, Iowa.	P. E. & L. S.
643	Hahn, H. W.	3516 Crocker St., Des Moines, Iowa.	P. E.
450	Hakes, Charles J.	Spencer, Iowa.	P. E.
513	Halbass, F. P. G.	Court House, Muscatine, Iowa.	P. E. & L. S.
1061	Hall, Merle A.	Vinton, Iowa.	P. E.
113	Hall, Merton G.	Centerville, Iowa.	P. E. & L. S.
236	Halpin, Paul J.	1175 4th St., Des Moines, Iowa.	P. E. & L. S.
767	Hammond, Robert Hugh	205 E. 4th St., Santa Ana, Calif.	P. E. & L. S.
152	Hands, Stanley M.	River Products Co., Iowa City, Iowa.	P. E. & L. S.
1277	Handy, Walter N.	Room 201, Masonic Bldg., Charleston, Iowa.	P. E.
67	Hansel, Harry E.	138 S. Milner, Ottumwa, Iowa.	P. E. & L. S.
848	Hanson, Asa S.	409 Hill St., Decatur, Iowa.	P. E. & L. S.
683	Hanson, Bert B.	West Union, Iowa.	P. E.
1029	Harman, Jacob A.	1130 Jefferson Bldg., Peoria, Ill.	P. E. & L. S.
612	Harrington, Arthur S.	P. O. Box 452, Omaha, Neb.	P. E. & L. S.
516	Harris, Charles H.	Virginia Electric & Power Co., Richmond, Virginia.	P. E.
748	Harris, Frank C.	West 67th and Pear Ave., Cleveland, Ohio.	P. E.
106	Hart, Guy D.	Bancroft, Iowa.	P. E. & L. S.
115	Hart, R. C.	1692 Kinickie Ave., Milwaukee, Wis.	P. E. & L. S.
1299	Harley, Frank G.	503 Exchange Bank Bldg., Spokane, Wash.	P. E.
154	Hartman, Russell T.	1251 Elmhurst Drive, Cedar Rapids, Iowa.	P. E. & L. S.
278	Hartuppe, Harry W.	502 Commonwealth Bldg., Des Moines, Ia.	P. E. & L. S.
615	Hassler, Paul M.	202 Wilson Blvd., Fairfield, Iowa.	P. E.
465	Hatch, Edward J.	care Hatch Motor Company, Creston, Iowa.	P. E. & L. S.
216	Hatch, Walter A.	Iola, Wis.	P. E. & L. S.
140	Hatton, Norman	2042 Beaver Ave., Cedar Rapids, Iowa.	P. E.
40	Hawkins, Horace C.	116 2nd Ave. W., Osceola, Iowa.	P. E. & L. S.
1181	Hay, Earl D.	College of Engineering, University of Kan- sas, Lawrence, Kan.	P. E.
729	Headstrom, Chas. R.	839 W. 39th St., Des Moines, Iowa.	P. E.
891	Heiple, Eldridge W.	158 N. Grant St., Hinsdale, Ill.	P. E. & L. S.
998	Herman, Fred	R. F. D. Duncombe, Iowa.	P. E. & L. S.
268	Henkel, Carl A.	9 Oak Drive, Mason City, Iowa.	P. E. & L. S.
1182	Henkel, George J., Jr.	512 Lloyd St., Milwaukee, Wis.	P. E. & L. S.
1402	Henningsen, E. G.	County Engineer, Osceola, Iowa.	P. E.
613	Henningson, Henning H.	1301 S. 16th St., Omaha, Neb.	P. E. & L. S.
132	Henock, Milton J.	care Strauss Bros. Co., 10 S. La Salle St., Chicago, Ill.	P. E. & L. S.
1389	Hensing, Emmett H.	Alton, Iowa.	P. E.
274	Herm, Ole G.	201 N. 5th St., Marshalltown, Iowa.	P. E. & L. S.
1290	Hermann, Clarence C.	219 Virden St., Waterloo, Iowa.	P. E.
430	Herring, James W.	Clarion, Iowa.	P. E. & L. S.
577	Herring, Wm. J.	709 S. Westside St., Kalamazoo, Mich.	P. E. & L. S.
164	Hershire, Richard A.	1410 N. 3rd St., Clinton, Iowa.	P. E. & L. S.
1232	Herwehe, Frederick A.	217 Securities Bldg., Des Moines, Iowa.	P. E. & L. S.
992	Hick, Ernest B.	1264 S. Mariposa St., Glendale, Calif.	P. E. & L. S.
1184	Hickethier, M. E.	Hampton, Iowa.	P. E. & L. S.
431	Hickok, Harry O.	320 9th St., Ames, Iowa.	P. E. & L. S.
1064	Hickok, Harvey M.	1219 Flour Exchange Bldg., Minneapolis, Minn.	P. E.



## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
534	Higbee, Frederic G.	320 Ronalds St., Iowa City, Iowa	P. E. & L. S.
1116	Higgins, Lafayette Jr.	Barranquilla, Columbia, care Parrish & Co., Apartado 879, South America	P. E. & L. S.
17	Higgins, Lafayette, Sr.	1144 25th St., Des Moines, Iowa	P. E. & L. S.
1244	Hiland, John E.	1217 Marston Ave., Ames, Iowa	P. E. & L. S.
262	Hill, George E.	915 Pine St., Green Bay, Wis.	P. E. & L. S.
238	Hill, J. B.	care American Gas & Electric Co., 30 Church St., New York City, N. Y.	P. E. & L. S.
47	Hilton, Joseph K.	Clarion, Iowa	P. E. & L. S.
1070	Hinderman, Arthur W.	Wapello, Iowa	P. E. & L. S.
206	Hinman, Jack J. Jr.	121 Melrose Ave., Iowa City, Iowa	P. E.
654	Hintgen, Leo N.	City Hall, Sioux City, Iowa	P. E. & L. S.
369	Hites, Lisle V.	1326 Pennsylvania Ave., Des Moines, Iowa	P. E. & L. S.
561	Hoar, Friend R.	3615 Norwood Blvd., Birmingham, Ala.	P. E. & L. S.
1352	Hoeg, Victor H.	Decorah, Iowa	P. E. & L. S.
28	Hoffman, Isadore W.	126 S. Clark St., Carroll, Iowa	P. E. & L. S.
1185	Hogeland, Edward E.	413 S. 9th St., La Crosse, Wis.	P. E. & L. S.
319	Holbrook, Leonard G.	County Engineer, Rockwell City, Iowa	P. E. & L. S.
413	Holbrook, Perry S.	Bussey, Iowa	P. E. & L. S.
279	Holbrook, Royal H.	1420 2nd Ave., Cedar Rapids, Iowa	P. E.
1025	Holland, Ray K.	106 E. Liberty St., Ann Arbor, Mich.	P. E. & L. S.
720	Hollister, V. L.	105 Bankers Life Bldg., Lincoln, Neb.	P. E. & L. S.
375	Holloway, Elmer A.	358 S. 21st St., E., Cedar Rapids, Iowa	P. E. & L. S.
412	Holmes, A. E.	Lake View, Iowa	P. E. & L. S.
733	Holmes, Fred E.	903 Iowa Ave., Iowa City, Iowa	P. E. & L. S.
945	Holmes, Leslie F.	2110 Beaver Ave., Des Moines, Iowa	P. E.
445	Holmes, Sven Eugen	Room 1709, Engineering Bldg., 205 West Wacker Drive, Chicago, Ill.	P. E.
372	Holt, Andrew H.	Engineering Bldg., Iowa City, Iowa	P. E. & L. S.
704	Holtze, Harry S.	1112 26th St., Sioux City, Iowa	P. E.
675	Hopkins, Peter F.	419 1st St., S. E., Mason City, Iowa	P. E. & L. S.
446	Hopcock, Lewis N.	1207 Cherry St., Des Moines, Iowa	P. E. & L. S.
1020	Horton, George T.	105th and Thorop Sts., Chicago, Ill.	P. E.
1186	Hotrump, Christian F.	care Pitometer Company, 50 Church St., New York City, N. Y.	P. E. & L. S.
816	Hovey, Arthur M.	809 "C" Ave., W., Oskaloosa, Iowa	P. E. & L. S.
811	Howard, Marshall	132 S. 13th St., Lincoln, Neb.	P. E. & L. S.
602	Howe, Jesse W.	1835 6th Ave., Cedar Rapids, Iowa	P. E.
329	Howe, Joseph H.	126 6th Ave., E., Cresco, Iowa	P. E. & L. S.
911	Howestine, Irvin V.	209 E. 5th St., Muscatine, Iowa	P. E. & L. S.
1187	Howie, Harry H.	1475 Parkway, Dubuque, Iowa	P. E. & L. S.
1034	Howson, L. H.	8 S. Dearborn St., Chicago, Ill.	P. E.
952	Huatt, H. Charles	1172 1/2 S. Oak Park Ave., Oak Park, Ill.	P. E.
218	Hubbard, Frank R.	670 44th St., Des Moines, Iowa	P. E.
1414	Huckins, J. G.	Box 581, Toledo, Iowa	P. E.
914	Huerth, Theodore	care Savarine Hotel, Detroit, Mich.	P. E.
188	Huff, Clyde L.	P. O. Box 2201, Amarillo, Texas	P. E. & L. S.
1152	Huffman, Roy S.	care Division Highways, Carbondale, Ill.	P. E. & L. S.
1218	Hufford, Ray Lewis	care State Highway Commission, Storm Lake, Iowa	P. E. & L. S.
239	Hug, John	210 S. Russell Ave., Ames, Iowa	P. E. & L. S.
583	Hughes, Homer	Rm. 530, New State Bldg., Lansing, Mich.	P. E. & L. S.
724	Hummel, Jesse G.	819 7th St., Ames, Iowa	P. E.
669	Huntington, Arthur	Dows Bldg., Cedar Rapids, Iowa	P. E.
308	Hurst, Benjamin B.	Rockport, Mo.	P. E. & L. S.
554	Hutchison, Bryce	281 B. Moline Ave., Long Beach, Calif.	P. E. & L. S.
1136	Hutchison, Robert Clay	2912 Clifton Ave., St. Louis, Mo.	P. E. & L. S.
251	Hutton, Murray L.	907 Ridgewood, Ames, Iowa	P. E. & L. S.
379	Huxtable, George S.	1016 S. Cornelia St., Sioux City, Iowa	P. E. & L. S.
800	Hwyland, John L.	Oscoda, Iowa	P. E. & L. S.
117	Illeman, J. A.	515 Division St., Boone, Iowa	P. E. & L. S.
1079	Iliff, Earl A.	Webster City, Iowa	P. E. & L. S.
773	Iliff, Roscoe A.	609 Ohio St., Webster City, Iowa	P. E. & L. S.
122	Ingersoll, Frank B.	Marshalltown, Iowa	P. E. & L. S.
129	Irwin, Everett H.	2407 Santiago Ave., Santa Ana, Calif.	P. E. & L. S.
1079	Jackson, Alwyn S.	Shore Acres, Madison, Wis.	P. E. & L. S.
1263	Jackson, Earle D.	General Delivery, Los Angeles, Calif.	P. E.
963	Jacoby, Clark E.	7th Floor Interstate Bldg., Kansas City, Mo.	P. E. & L. S.
1153	Jamison, Orin L.	Box 361, Osceola, Iowa	P. E. & L. S.

## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1348	Jenks, Harry N.	Iowa State College, Ames, Iowa	P. E.
1130	Jennings, Thomas	1517 Rowland St., New York City, N. Y.	P. E. & L. S.
1060	Johnson, Arthur E. J.	City Manager, Red Oak, Iowa	P. E. & L. S.
281	Johnson, Frank L.	1309 Euclid Ave., Des Moines, Iowa	P. E. & L. S.
931	Johnson, George E.	1327 J. St., Lincoln, Neb.	P. E. & L. S.
1072	Johnson, Harvey E.	5157 S. Park Ave., Chicago, Ill.	P. E. & L. S.
1072	Johnson, James W.	Iowa State Highway Commission, Ames, Iowa	P. E.
422	Johnson, Merle E.	Winnebago, Minn.	P. E. & L. S.
374	Johnson, Robert T.	County Engineer, Knoxville, Iowa	P. E. & L. S.
1060	Johnson, Telemachus H.	32nd and Myrtle Sts., Sioux City, Iowa	P. E. & L. S.
460	Johnson, Hugh H.	905 N. Broadway, Watertown, S. D.	P. E. & L. S.
425	Johnston, Wardell D.	106 Pleasant St., Waterloo, Iowa	P. E. & L. S.
1293	Jones, A. S.	2527 Logan Ave., Des Moines, Iowa	P. E. & L. S.
581	Jones, Earl E.	202 Masonic Temple, Des Moines, Iowa	P. E.
692	Jones, Frank O.	Assistant Harbor Engineer, City Hall, Miami, Fla.	P. E. & L. S.
265	Jones, J. P.	1127 W. 4th St., Waterloo, Iowa	P. E.
1292	Jones, Oliver M.	3421 2nd St., Des Moines, Iowa	P. E. & L. S.
294	Jones, Wm. E.	Hartford Bldg., S. W. Cor. Dearborn and Madison Sts., Chicago, Ill.	P. E. & L. S.
275	Judd, W. A.	917 Brookridge Ave., Ames, Iowa	P. E.
1278	Juston, Raymond H.	407 Security Bldg., Kansas City, Mo.	P. E. & L. S.
495	Karr, Jay A.	431 S. Summit, Iowa City, Iowa	P. E.
282	Kaser, Elmer L.	Box 25, Grinnell, Iowa	P. E. & L. S.
1320	Kaser, J. D.	Adel, Iowa	P. E. & L. S.
1134	Kassel, Henry J.	813 N. 5th St., Ottumwa, Iowa	P. E. & L. S.
3	Kastberg, K. C.	307 24th St., S. W., Mason City, Iowa	P. E. & L. S.
143	Kauts, Paul	500 S. & L. Bldg., Des Moines, Iowa	P. E. & L. S.
694	Keffler, Karl K.	1142 24th St., Des Moines, Iowa	P. E. & L. S.
935	Keith, Kirk J.	202 Masonic Temple Bldg., Des Moines, Iowa	P. E.
489	Keller, George J.	1505 47th St., Des Moines, Iowa	P. E.
1018	Keltner, Ray L.	221 S. Lucas St., Iowa City, Iowa	P. E. & L. S.
719	Kennally, Martin M.	402 Pear St., Shenandoah, Iowa	P. E. & L. S.
982	Kenworthy, Bruce R.	care Ohio Brass Co., 50 Church St., New York City, New York	P. E.
705	Kerrigan, John C.	4306 Hickman Ave., Des Moines, Iowa	P. E. & L. S.
196	Kilpatrick, G. H.	Fronton, Neb.	P. E. & L. S.
171	Kimball, Wm. H.	424 Conger St., Waterloo, Iowa	P. E. & L. S.
451	King, George M.	906 Mississippi Ave., Davenport, Iowa	P. E. & L. S.
929	King, Lowell R.	2513 High St., Des Moines, Iowa	P. E. & L. S.
618	Kinnaird, Robert N.	909 Arlington Court, Davenport, Iowa	P. E. & L. S.
1395	Kinne, Morris Y.	406 Lampton Bldg., Jackson, Miss.	P. E. & L. S.
717	Kirk, Frank	Webster City, Iowa	P. E.
416	Kittredge, Raymond B.	1008 E. Main St., Estherville, Iowa	P. E. & L. S.
616	Klaus, Henry S.	630 S. Governor St., Iowa City, Iowa	P. E. & L. S.
558	Klinger, Wm. A.	524 E. Fayette, Manchester, Iowa	P. E.
1279	Knutson, Gerard	123 Douglas St., Sioux City, Iowa	P. E. & L. S.
722	Koenig, Arnold C.	Chariton, Iowa	P. E.
1415	Koenitzer, L. H.	534 S. 28th St., Lincoln, Neb.	P. E. & L. S.
1420	Koontz, Paul E.	119 Highland Ave., Ames, Iowa	P. E.
486	Korf, Elmer T.	300 Chestnut St., Atlantic, Iowa	P. E.
828	Korret, John P.	Newton, Iowa	P. E. & L. S.
416	Koss, George W.	Armstrong, Iowa	P. E. & L. S.
563	Kreth, Daniel	325 42nd St., Des Moines, Iowa	P. E. & L. S.
1253	Kreymer, Allen N.	Wellman, Iowa	P. E. & L. S.
664	Kruse, Walter O.	Iowa State Highway Commission, Fairfield, Iowa	P. E. & L. S.
228	Kuehlicke, Otto	910 Kahl Bldg., Davenport, Iowa	P. E. & L. S.
351	Laing, Frank O.	102 W. Central Park Ave., Davenport, Ia.	P. E. & L. S.
728	Laird, Madison R.	2500 Raymond Drive, Des Moines, Iowa	P. E. & L. S.
302	Lamb, Marion D.	1057 W. 9th St., Des Moines, Iowa	P. E. & L. S.
22	Lambert, Byron J.	8845 S. May St., Chicago, Ill.	P. E.
640	Lampe, Louis H.	4 Melrose Circle, Iowa City, Iowa	P. E. & L. S.
1390	Lamp, George E.	Bellevue, Iowa	L. S.
1272	Landes, Bates E.	Jamaica, Iowa	P. E.
1357	Langdon, B. J.	1603 College Ave., Des Moines, Iowa	P. E.
941	Lankford, Everett A.	care County Engineer, Toledo, Iowa	P. E.
		1011 W. 6th St., Oklahoma City, Okla.	P. E.



## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1296	Larkin, Wm. Hoyt	6165 Winthrop Ave., Chicago, Ill.	P. E. & L. S.
1188	Larsen, O.	100 E. Washington St., Springfield, Ill.	P. E. & L. S.
1280	Larson, Harry	Callender, Iowa	P. E.
1347	La Rue, Perry	2315 Knapp St., Ames, Iowa	P. E.
1086	Latimer, O. W.	408 Security Bldg., Cedar Rapids, Iowa	P. E. & L. S.
884	Laubensfeld, Gustav A.	1121 Smith St., Burlington, Iowa	P. E. & L. S.
525	Laubensfeld, Harry J.	620 N. Main St., Burlington, Iowa	P. E. & L. S.
350	Lawler, Francis D. H.	314 N. 4th St., Burlington, Iowa	P. E. & L. S.
175	Lear, Vernon H.	Box 553, Muscatine, Iowa	P. E. & L. S.
1374	Lechner, Carl P.	835 Seminary St., Dubuque, Iowa	P. E.
72	Lee, Albert W.	4323 Ingersoll Ave., Des Moines, Iowa	P. E. & L. S.
286	Lee, C. Orville	214 S. 12th St., Sac City, Iowa	P. E. & L. S.
484	Lee, Will M.	627 C. R. S. B. Bldg., Cedar Rapids, Iowa	P. E. & L. S.
1139	Leeders, Otis L.	861 S. 17th St., Cedar Rapids, Iowa	P. E. & L. S.
264	Leffert, David L.	404 S. Minnesota St., Algona, Iowa	P. E. & L. S.
174	Lehmkuhl, Chas. H.	Greenfield, Iowa	P. E. & L. S.
383	Lelchuck, Leroy L.	Engineer, Highway Commission, Elkader, Iowa	P. E. & L. S.
342	Leicht, Harry S.	804 Grand Ave., Ames, Iowa	P. E. & L. S.
623	Leimmon, George R.	1427 41st St., Des Moines, Iowa	P. E. & L. S.
600	Leslie, Wm. H.	318 Prospect Ave., Iowa Falls, Iowa	P. E. & L. S.
1281	Lewellen, C. P.	209-10 Bever Bldg., Cedar Rapids, Iowa	P. E. & L. S.
212	Lewis, E. M.	463 Grand Central Station, Chicago, Ill.	P. E. & L. S.
807	Lewis, Emanuel W.	302 N. 20th St., Cedar Rapids, Iowa	P. E. & L. S.
620	Lewis, Russell J.	1001 Ave. "D", Fort Madison, Iowa	P. E. & L. S.
1269	Lion, Harold L.	Manchester, Iowa	P. E.
442	Lilly, Andrew J.	529 W. Brady, Tulsa, Okla.	P. E. & L. S.
271	Lilly, James H.	1267 1st Ave. E., Cedar Rapids, Iowa	P. E. & L. S.
1243	Lindauer, W. P.	Anamosa, Iowa	P. E.
1210	Lindberg, Fritz A.	140 S. Dearborn St., Chicago, Ill.	P. E.
352	Lindsey, Jesse J.	Grinnell, Iowa	P. E. & L. S.
1154	Linstrom, Arthur C.	1306 46th St., Des Moines, Iowa	P. E. & L. S.
224	Little, Harry A.	Bedford, Iowa	P. E. & L. S.
354	Livingson, Clarence R.	627 C. R. S. B. Bldg., Cedar Rapids, Iowa	P. E. & L. S.
381	Lofstedt, Otis B.	Grand Junction, Iowa	P. E. & L. S.
1422	Lohergan, Maurice J.	Board of Health, State House, Des Moines, Iowa	P. E.
562	Long, George J.	808 1st St., Webster City, Iowa	P. E.
482	Longer, Fred J.	Washington, Iowa	P. E. & L. S.
139	Lorenzen, Ernest B.	714 5th Ave. S., Clinton, Iowa	P. E. & L. S.
973	Loring, David M.	Engineering Dept. C. B. & Q. R. R., Lincoln, Neb.	P. E. & L. S.
967	Loweth, Chas. F.	Room 598, Union Station, Chicago, Ill.	P. E.
58	Lowery, Lollis, L.	219 6th Ave., East Cresco, Iowa	P. E. & L. S.
194	Lowther, J. E.	227 Wauwatosa Ave., Wauwatosa, Wis.	P. E. & L. S.
842	Luce, Arthur T.	222 Hyslop Ave., Westfield, N. J.	P. E. & L. S.
869	Lueder, Herman H.	care H. J. Heinz Co., Pittsburgh, Pa.	P. E.
1089	Lueder, Roy M.	501 Sunderland Bldg., Omaha, Neb.	P. E.
97	Luse, Wm. H.	2323 Pierce St., Sioux City, Iowa	P. E. & L. S.
190	Luten, Daniel B.	1656 Consolidated Bldg., Indianapolis, Ind.	P. E. & L. S.
103	Lutze, Raymond C.	2011 4th St., Perry, Iowa	P. E. & L. S.
252	Lyford, Fred R.	New Hampton, Iowa	P. E. & L. S.
1322	Lyon, Alfred A.	Vinton, Iowa	P. E.
574	Lywarth, James A.	1836 E. 13th St., Des Moines, Iowa	P. E.
647	MacDonald, Barnes	Chariton, Iowa	P. E. & L. S.
27	MacDonald, Fred A.	County Engineer, Estherville, Iowa	P. E. & L. S.
1010	MacDuffee, Karl M.	2308 N. 62nd St., Seattle, Wash.	P. E. & L. S.
371	MacGibbon, Wm. M.	504 Lewis Bldg., Portland, Ore.	P. E. & L. S.
547	MacKenzie, Leon R.	541 W. 44th St., Des Moines, Iowa	P. E.
434	MacVicar, John Jr.	1318 9th St., Des Moines, Iowa	P. E. & L. S.
894	McAllister, John	Prattburg, New York	P. E. & L. S.
210	McCauley, Thomas P.	District Highway Office, Ottawa, Ill.	P. E. & L. S.
29	McCauley, Thomas P.	651 38th St., Des Moines, Iowa	P. E. & L. S.
741	McClain, Fred H.	1123 2nd St., Ames, Iowa	P. E.
747	McClelland, Frederick D.	Corning, Iowa	P. E. & L. S.
57	McClure, Wm. E.	Rockwell City, Iowa	P. E. & L. S.
109	McCormick, Robert	812 Ridgewood, Ames, Iowa	P. E. & L. S.
1323	McCosk, S. A.	1705 Mt. Vernon Ave., Cedar Rapids, Ia.	P. E.
253	McCown, W. V.	4530 Waveland Court, Des Moines, Iowa	P. E. & L. S.
467	McCoy, John J.	603 Iowa St., Cedar Falls, Iowa	P. E. & L. S.

## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
806	McCulloh, Ernest	2320 Grand Ave., Minneapolis, Minn.	P. E. & L. S.
541	McCullough, George K.	Humboldt, Iowa	P. E. & L. S.
1318	McElherne, James C.	Court House, Red Oak, Iowa	P. E.
1282	McFadden, J. G.	care County Engineer, Newton, Iowa	P. E.
62	McFarland, Malcolm F.	815 Ave. "E", Fort Madison, Iowa	P. E. & L. S.
822	McGaughy, John D.	501 N. 5th St., Keokuk, Iowa	P. E. & L. S.
1117	McGrane, John L.	711 Franklin Ave., Council Bluffs, Iowa	P. E. & L. S.
619	McGrath, C. P.	116 Clinton St., Mt. Clemens, Mich.	P. E. & L. S.
968	McGraw, Max	120 S. LaSalle St., Chicago, Ill.	P. E.
792	McKay, Noble M.	Des Moines Electric Co., Des Moines, Iowa	P. E.
377	McKean, Hugh C.	Box No. 6, Yanketown, Fla.	P. E. & L. S.
1308	McKee, Ed Ruthven	care Electrical Engineering Dept., Iowa State College, Ames, Iowa	P. E.
1140	McKee, James B.	412 N. 16th St., Fort Dodge, Iowa	P. E. & L. S.
1880	McKee, Alfred L.	Guthrie Center, Iowa	P. E. & L. S.
1236	McLean, James C.	County Engineer, Sioux City, Iowa	P. E.
1092	McLennan, Donald M.	Polk Bldg., Des Moines, Iowa	P. E.
338	McMurray, Ray	Newton, Iowa	P. E. & L. S.
1351	McNall, S. H.	888 Oakland Ave., Cedar Rapids, Iowa	P. E. & L. S.
1328	McNeely, John Knox	532 Hayward Ave., Ames, Iowa	P. E.
1190	McShane, Jesse J.	2224 Iowa St., Davenport, Iowa	P. E.
852	McWayne, Albert	322 Paulson Bldg., Sioux Falls, S. D.	P. E. & L. S.
617	Mack, Frank W.	513 E. 3rd St., Storm Lake, Iowa	P. E.
778	Mack, Herbert A.	Court House, Washington, Iowa	P. E. & L. S.
760	Madison, Walter G.	1204 3rd St., Ames, Iowa	P. E.
1156	Magee, Bronson R.	1756 Avalon Road, Cleveland, Ohio	P. E.
1228	Magowan, Donald S.	Box 37, Effingham, Ill.	P. E.
1109	Maher, Joseph F.	County Engineer's Office, Carroll, Iowa	P. E.
429	Maher, John R.	Eldora, Iowa	P. E. & L. S.
1289	Mahone, Leslie Wilmore	409 1/2 Douglas Ave., Ames, Iowa	P. E. & L. S.
751	Maine, Harry E.	306 Marsh Place Bldg., Waterloo, Iowa	P. E. & L. S.
750	Maine, Herbert A.	306 Marsh Place Bldg., Waterloo, Iowa	P. E. & L. S.
1399	Malcom, Vincent V.	care Holland Lumber Co., Omaha, Neb.	P. E.
826	Malcolm, Fred A.	Greenfield, Iowa	P. E. & L. S.
589	Malcolm, Ora P.	Pocahontas, Iowa	P. E. & L. S.
169	Mallette, Frank G.	Leen, Iowa	P. E. & L. S.
316	Malloy, John M.	1912 Eastern Ave., Davenport, Iowa	P. E. & L. S.
1030	Manhard, Edward	1223 21st St., Rock Island, Ill.	P. E. & L. S.
426	Mann, Franklin H.	317 Russell Ave., Ames, Iowa	P. E. & L. S.
937	Marker, Harvey M.	507 S. Locust St., Jefferson, Iowa	P. E. & L. S.
348	Marsh, Frank E.	323 New England Bldg., Topeka, Kan.	P. E. & L. S.
454	Marsh, Fred H.	care Alumni Secretary, Iowa State College, Ames, Iowa	P. E. & L. S.
7	Marsh, James B.	206 Masonic Temple Bldg., Des Moines, Iowa	P. E. & L. S.
15	Marston, Anson	Ames, Iowa	P. E. & L. S.
5	Martin, L. M.	201 Nonpareil Court Bldg., Council Bluffs, Iowa	P. E. & L. S.
105	Martin, Thomas R.	Emmettsburg, Iowa	P. E. & L. S.
1137	Martin, Thurman E.	Glenwood, Iowa	P. E.
630	Mason, Clyde	2631 Knapp St., Ames, Iowa	P. E. & L. S.
740	Mathewson, Isaac	1919 Mulberry Ave., Muscatine, Iowa	P. E. & L. S.
949	Matson, T. F.	Gondell, Iowa	P. E. & L. S.
1273	Matthews, Thomas	3260 Maypole Ave., Chicago, Ill.	P. E.
1225	Maxwell, Fred W.	1668 Kentucky St., Quincy, Ill.	P. E. & L. S.
384	Maxwell, Wayne D.	Room 7, Masonic Bldg., 3rd and State St. Harrisburg, Pa.	P. E. & L. S.
162	Mayne, Arthur H.	803 7th Ave., Council Bluffs, Iowa	P. E. & L. S.
161	Mayne, Joel H.	409 Glen Ave., Council Bluffs, Iowa	P. E. & L. S.
1138	Mead, Daniel W.	State Journal Bldg., Madison, Wis.	P. E.
975	Mechem, Alre W.	Clarion, Iowa	P. E.
31	Mechem, George L.	Clarion, Iowa	P. E. & L. S.
24	Meeker, Warren H.	Iowa State College, Ames, Iowa	P. E.
821	Meekins, Harold R.	817 Division St., Webster City, Iowa	P. E. & L. S.
535	Melberg, Amos	316 S. 19th St., Cedar Rapids, Iowa	P. E. & L. S.
1002	Melson, S. J.	Jefferson, Iowa	P. E.
559	Menges, Theodore C.	246 Western Ave., Waterloo, Iowa	P. E.
332	Mercer, Joseph W.	341 Cutler St., Waterloo, Iowa	P. E. & L. S.
1001	Merredith, E. R.	Iowa State Highway Commission, Ames, Iowa	P. E. & L. S.



## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
780	Merrill, Keith B.	1123 45th St., Des Moines, Iowa.	P. E. & L. S.
1283	Merrill, R. E.	care City Hall, Okaloosa, Iowa.	P. E. & L. S.
1191	Merritt, Robert W.	Ottumwa, Iowa.	P. E.
298	Merten, Chas. F.	Garner, Iowa.	P. E. & L. S.
292	Merten, Elmer L.	648 24th St., Milwaukee, Wis.	P. E. & L. S.
1394	Meyers, B. R.	115 Tama St., Boone, Iowa.	P. E.
193	Michaelson, Thorvald	224 E. 10th St., Cedar Falls, Iowa.	P. E. & L. S.
246	Michel, Archie E.	S. Harlan St., Algona, Iowa.	P. E. & L. S.
701	Michel, Paul A.	403 Maple St., Red Oak, Iowa.	P. E. & L. S.
1093	Middleton, Harry C.	Excelsior Heater & Supply Co., St. Paul, Minn.	P. E.
532	Miller, Arthur F.	care Balmat & Son Construction Co., Clear Lake, Iowa.	P. E. & L. S.
20	Miller, George W.	Pioneer National Bank Bldg., Waterloo, Iowa.	P. E. & L. S.
77	Miller, Herbert	1112 E. 13th St., Des Moines, Iowa.	P. E. & L. S.
1341	Miller, Reuben J.	617 Caward Bldg., Waterloo, Iowa.	P. E.
1192	Miller, Maurice C.	810 Hubbell Bldg., Des Moines, Iowa.	P. E.
53	Miner, W. H.	522 Belmont Ave., Chicago, Ill.	P. E. & L. S.
96	Minnis, C. L.	Pittsburgh-Des Moines Steel Co., Des Moines, Iowa.	P. E. & L. S.
1120	Mirick, Alfred S.	5456 Pennsylvania Ave., Pittsburgh, Pa.	P. E. & L. S.
146	Mitchell, Lamont J.	626 E. 19th St., Sioux Falls, S. D.	P. E. & L. S.
986	Moeller, J. A.	Rockwell City, Iowa.	P. E. & L. S.
1082	Monlux, Wm. L.	1663 Haven St., Portland, Ore.	P. E. & L. S.
601	Moore, John P.	Rockwell City, Iowa.	P. E. & L. S.
1340	Moore, Ralph L.	319 Jefferson St., Decorah, Iowa.	P. E.
80	Moorehead, Hammond A.	Ida Grove, Iowa.	P. E. & L. S.
1087	Moots, Elmer E.	710 Eighth Ave., N., Mt. Vernon, Iowa.	P. E. & L. S.
306	Morhouse, Wallace W.	31 E. Norman Ave., Dayton, Ohio.	P. E. & L. S.
1031	Morgan, Arthur E.	Ludlow Bldg., Dayton, Ohio.	P. E. & L. S.
808	Morgan, Avery L.	3319 Cottage Grove Ave., Des Moines, Ia.	P. E. & L. S.
1379	Morgan, Fred J.	212 S. Bridge St., Hampton, Iowa.	P. E.
1193	Morgan, Grover B.	Box 78, R. 1, Hamburg, Iowa.	P. E. & L. S.
205	Moriarty, Clarence	1301 Equitable Bldg., Des Moines, Iowa.	P. E. & L. S.
1419	Morris, Edward L.	West Union, Iowa.	P. E.
1254	Morris, Mark B.	Iowa State Highway Commission, Ames, Iowa.	P. E.
83	Morris, Sidney	268 Laurel Ave., Highland Park, Ill.	P. E. & L. S.
211	Morrison, Joseph S.	112½ E. 3rd St., Ottumwa, Iowa.	P. E. & L. S.
399	Mosher, Leslie V.	24 Springfield Ave., Cranford, N. J.	P. E. & L. S.
1335	Moyer, Ralph A.	2114 Storm St., Ames, Iowa.	P. E.
364	Mullen, Ralph George	Box 1148, South Hampton, Long Island, New York.	P. E. & L. S.
1229	Mullergren, Arthur L.	770 Board of Trade Bldg., Kansas City, Mo.	P. E.
1011	Mulligan, W. B.	Tyndal, S. D.	P. E. & L. S.
793	Myers, Bert M.	care State Highway Commission, Ames, Iowa.	P. E. & L. S.
964	Nagle, Clarence F.	1411 W. 6th St., Waterloo, Iowa.	P. E.
1354	Nagle, Floyd A.	6 Melrose Circle, Iowa City, Iowa.	P. E.
844	Naiden, Fred S.	612 Fremont St., Marshalltown, Iowa.	P. E. & L. S.
440	Neborgall, Leon	316 Central Office Bldg., Davenport, Iowa.	P. E. & L. S.
776	Negus, Joseph E.	604 Fourth St., Fort Madison, Iowa.	P. E. & L. S.
325	Nelson, Albert L.	1118 Allen Bldg., Dallas, Texas.	P. E. & L. S.
386	Nelson, C. J.	P. O. Box 363, Keokuk, Iowa.	P. E. & L. S.
883	Nelson, Ernest E.	Box 44, Sigourney, Iowa.	P. E. & L. S.
688	Nelson, Fred Oscar	Toledo, Iowa.	P. E. & L. S.
373	Nelson, George A.	227 Monona St., Boone, Iowa.	P. E. & L. S.
932	Nelson, N. Fred	595 Miller Ave., Spencer, Iowa.	P. E.
1000	Nemmers, W. P.	3916 W. 10th St., Des Moines, Iowa.	P. E. & L. S.
753	Ness, Clarence J.	811½ Commercial St., Waterloo, Iowa.	P. E.
838	Neumann, Harold C.	519 Hubbell Bldg., Des Moines, Iowa.	P. E.
397	Nevin, James R.	108 Stewart St., Woodstock, Ill.	P. E. & L. S.
918	Nichols, Earle G.	Iowa Railway & Light Co., Cedar Rapids, Iowa.	P. E.
1159	Nichols, John Cross	L. & N. Ry. Co., Room 800, Louisville, Ky.	P. E.
946	Nichols, Thomas E.	6 E. 9th St., Atlantic, Iowa.	P. E.
736	Nichols, Wm. P.	620 5th St., Ames, Iowa.	P. E. & L. S.
915	Nieland, Will C.	941 7th St., Des Moines, Iowa.	P. E.

## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1125	Nixon, Harry Stillwell	309 Omaha Grain Exchange Bldg., Omaha, Neb.	P. E. & L. S.
423	Norman, Roy A.	715 Ridgewood Ave., Ames, Iowa.	P. E.
138	Norris, Mark V.	Webster City, Iowa.	P. E. & L. S.
1194	Norris, Wm. Patrick	County Engineer, Page County, Clarinda, Iowa.	P. E.
1345	Nowlin, H. B.	Fort Madison, Iowa.	P. E.
777	O'Brien, Stephen W.	864 Saunders-Kennedy Bldg., Omaha, Neb.	P. E. & L. S.
1255	O'Connor, Wm. C.	Maintenance Superintendent, Jefferson, Iowa.	P. E. & L. S.
936	Ogden, Frank Firm	223 4th St., Crookston, Minn.	P. E. & L. S.
148	Oliver, George Edwin	10 Deepth Ave., Lake Forest, Ill.	P. E. & L. S.
1364	Olsen, Arthur K.	care Iowa Highway Commission, Ames, Iowa.	P. E.
787	Olsen, Arthur O.	211 Danigelli Block, Muskegon Heights, Mich.	P. E. & L. S.
404	Olson, Carl E.	P. O. Box 205, Montezuma, Iowa.	P. E. & L. S.
185	Olson, Wm. A.	Nevada, Iowa.	P. E. & L. S.
1049	Oltarsh, David M.	36 W. 44th St., New York City, N. Y.	P. E. & L. S.
1377	Orcutt, Forrest G.	111 Valley St., Red Oak, Iowa.	P. E.
758	O'Rourke, John B.	1118 Mulberry St., Des Moines, Iowa.	P. E. & L. S.
471	Orr, Harry O.	Waukon, Iowa.	P. E. & L. S.
347	Owen, William E., Jr.	221 Cedar Rapids Savings Bank Bldg., Cedar Rapids, Iowa.	P. E. & L. S.
650	Paine, Frank D.	828 8th St., Ames, Iowa.	P. E.
653	Paine, Paul M.	832 Forest Ave., Highland Park, Ill.	P. E. & L. S.
1369	Parker, Carl H.	care J. S. Morrison, Ottumwa, Iowa.	P. E.
790	Parker, Louis Franklin	2905 Center St., Des Moines, Iowa.	P. E. & L. S.
1326	Parker, Van H.	Iowa Highway Commission, Marsh Place Building, Waterloo, Iowa.	P. E. & L. S.
897	Parr, Chas. H.	100 Hulin St., Charles City, Iowa.	P. E.
1397	Parsons, Donald A.	907 11th St., Marion, Iowa.	P. E.
305	Parsons, Douglas E.	U. S. Bureau of Standards, Washington, D. C.	P. E. & L. S.
147	Parsons, John L.	313 First National Bank Bldg., Fort Dodge, Iowa.	P. E. & L. S.
1051	Paterson, Archie S.	Box 121, Redfield, Iowa.	P. E.
327	Patterson, Ralph E.	1703 Crawford St., Boone, Iowa.	P. E. & L. S.
1221	Patzer, Frank A.	care Southern Surety Co., Des Moines, Ia.	P. E.
9	Patzig, Monroe L.	680 44th St., Des Moines, Iowa.	P. E. & L. S.
743	Pauley, Ray E.	83 River Heights Drive, Mason City, Iowa.	P. E. & L. S.
481	Paulson, John A.	2026 W. 3rd St., Waterloo, Iowa.	P. E. & L. S.
994	Payton, James R.	9 S. 9th St., Marshalltown, Iowa.	P. E.
742	Pearce, Frank D.	22 Beaumont Drive, Mason City, Iowa.	P. E. & L. S.
134	Pearson, Ames C.	1920 Arlington Ave., Des Moines, Iowa.	P. E. & L. S.
1643	Peck, Edwin H.	P. O. Drawer E, Winnetka, Ill.	P. E.
673	Pedersen, Hans V.	Decatur, Iowa.	P. E. & L. S.
1133	Pedersen, Hans V.	11 N. 11th St., Marshalltown, Iowa.	P. E. & L. S.
320	Percival, John S.	Div. of Engineering, Waterworks Park, Detroit, Mich.	P. E. & L. S.
403	Perkins, Wm. L.	Chariton, Iowa.	P. E. & L. S.
546	Perry, Guy A.	Court House, Creston, Iowa.	P. E. & L. S.
697	Perry, Thomas R.	412 10th St., Ames, Iowa.	P. E. & L. S.
856	Peterson, Frank A.	625 C. H. S. Bldg., Cedar Rapids, Iowa.	P. E. & L. S.
963	Petersen, Wm. H.	686 46th St., Des Moines, Iowa.	P. E. & L. S.
962	Pettitt, Homer B.	1st Lt., Corps Engineer, U. S. Army, Fort Riley, Kan.	P. E. & L. S.
666	Phelps, Howard L.	West Branch, Iowa.	P. E. & L. S.
1236	Phelps, Mark Boardman	5150 Braden St., Detroit, Mich.	P. E.
922	Pickus, Joseph	448 Wrigley Bldg., Chicago, Ill.	P. E.
796	Pilmer, John M.	810 Lincoln Ave., Des Moines, Iowa.	P. E. & L. S.
626	Plaister, Joseph M.	1500 3rd Ave., N., Ft. Dodge, Iowa.	P. E.
627	Plowman, Hubert R.	725 Fairview Ave., Waterloo, Iowa.	P. E.
628	Porter, Wm. S.	1003 Edington Ave., Eldora, Iowa.	P. E. & L. S.
237	Pray, John W.	Supt. Water Dept., Ft. Dodge, Iowa.	P. E.
1230	Preston, Foster Kelsey	care Iowa State Highway Commission, Mason City, Iowa.	P. E.
137	Preston, Perry J.	2310 S. Newton, Sioux City, Iowa.	P. E. & L. S.
317	Price, Wm. A.	407 Washington Ave., St. Louis, Mo.	P. E.



## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
198	Price, Wm. O.	201 Masonic Bldg., Chariton, Iowa.	P.E. & L.S.
1352	Proescholdt, Walter H.	1415 3rd Ave., W., Cedar Rapids, Iowa.	P.E.
1355	Prosser, J. G.	1300 1st Ave. N., Ft. Dodge, Iowa.	P.E. & L.S.
904	Quackenbush, John E.	1500 Wilson Ave., Webster City, Iowa.	P.E. & L.S.
637	Quinn, Leroy A.	Thompson, Iowa.	P.E.
1411	Radcliffe, F. Searle.	1320 Burch Ave., N., Cedar Rapids, Iowa.	P.E. & L.S.
251	Ralph, Chas. R.	523 Citizens Bank Bldg., Davenport, Iowa.	P.E.
1195	Randolph, Otto C. F.	606 Crocker Bldg., Des Moines, Iowa.	P.E.
1311	Rath, George E.	1637 Monadnock Bldg., Chicago, Ill.	P.E.
1252	Raver, Duane De Forest	406 Independence Ave., Waterloo, Iowa.	P.E.
1418	Rawlings, R. A.	Grinnell, Iowa.	P.E.
49	Rawn, Wm. P.	603 N. 2nd Ave., Washington, Iowa.	P.E. & L.S.
1196	Raynor, Ernest Garfield.	Federal Bldg., Pierre, S. D.	P.E. & L.S.
478	Redman, Paul L.	1223 5th Ave. S., Ft. Dodge, Iowa.	P.E. & L.S.
79	Reed, Carl M.	710 S. Acana, Compton, Calif.	P.E. & L.S.
1004	Reichstein, Amiel A.	302 E. Adams St., Fairfield, Iowa.	P.E. & L.S.
507	Reiff, Paul P.	1302 City National Bank Bldg., Omaha, Neb.	P.E.
1141	Reinholdt, Paul H.	District Manager, Box 192, Rochester, Minn.	P.E.
363	Reis, Paul B.	125 College Ave., Des Moines, Iowa.	P.E. & L.S.
186	Reynolds, Chas. H.	1615 5th Ave. N., Ft. Dodge, Iowa.	P.E. & L.S.
223	Reynolds, John F.	304 Superior St., Storm Lake, Iowa.	P.E. & L.S.
455	Reynolds, Winchester E.	304 Superior St., Storm Lake, Iowa.	P.E. & L.S.
214	Rhodes, Benjamin F.	Swea City, Iowa.	P.E. & L.S.
1378	Rhomberg, A. A.	495 W. 7th St., Dubuque, Iowa.	P.E. & L.S.
1223	Richards, Joseph Harold	care District Engineer's Office, Storm Lake, Iowa.	P.E.
1017	Richardson, Robert W.	Division Engineer, C. & N. W. Ry. Co., Sioux City, Iowa.	P.E. & L.S.
232	Riedesel, Paul W.	P. O. Box 287, Wayzata, Minn.	P.E. & L.S.
829	Riesche, Robert R.	3716 5th Ave., Sioux City, Iowa.	P.E.
781	Riley, Thomas E.	County Engineer, Maquoketa, Iowa.	P.E. & L.S.
1301	Ringland, John	4037 Center St., Des Moines, Iowa.	P.E.
1209	Rislow, O. G.	Lake Mills, Iowa.	P.E. & L.S.
267	Robertson, Robert E.	1615 S. Delaware Ave., Mason City, Iowa.	P.E. & L.S.
999	Rogers, Carl A.	Denison, Iowa.	P.E. & L.S.
1313	Rogers, R. R.	Avoca, Iowa.	P.E.
770	Rohrbough, Elmore M.	721 Omaha Loan & Bldg. Assoc. Bldg., Omaha, Neb.	P.E. & L.S.
191	Roland, Clarence W.	1347 8th St., Des Moines, Iowa.	P.E. & L.S.
1297	Rollins, W. B.	339 Railway Exchange Bldg., Kansas City, Mo.	P.E.
731	Roman, Emory G.	228 N. Lawe St., Appleton, Wis.	P.E.
744	Romig, Harold M.	10 Lathrop St., Madison, Wis.	P.E. & L.S.
1101	Romine, Wm. Harold.	1110 Harrison St., Davenport, Iowa.	P.E. & L.S.
473	Rook, Walter H.	904 Brookridge Ave., Ames, Iowa.	P.E. & L.S.
1113	Rounds, Don M.	708 16th St., Des Moines, Iowa.	P.E. & L.S.
160	Rounds, Garland L.	care Childs & Smith, 720 N. Michigan Ave., Chicago, Ill.	P.E. & L.S.
1396	Rubey, Floyd G.	903 Summit Ave., Shenandoah, Iowa.	P.E.
909	Ruble, Albert C.	1220 S. Mulberry St., Sioux City, Iowa.	P.E.
587	Rude, Lewis M.	Pomeroy, Iowa.	P.E.
1260	Rudisill, Clayton Paul.	Grandy Center, Iowa.	P.E. & L.S.
250	Russell, Don B.	512 P. Ave., W., Oskaloosa, Iowa.	P.E. & L.S.
303	Rust, Thomas E.	W. C. T. & N. Ry. Co., Waterloo, Iowa.	P.E. & L.S.
680	Ryan, James A.	909 Iowa St., Davenport, Iowa.	P.E. & L.S.
545	Ryan, John J.	1100 S. Grandview Ave., Dubuque, Iowa.	P.E. & L.S.
710	Sani, Herman	3209 Ingersoll Ave., Des Moines, Iowa.	P.E. & L.S.
163	Sarvis, Fred W.	Box 495, Harlan, Iowa.	P.E. & L.S.
315	Saum, Philip V.	2639 Ave. "D", Council Bluffs, Iowa.	P.E. & L.S.
881	Sayre, Herbert A.	622 Brookridge Ave., Ames, Iowa.	P.E. & L.S.
817	Scanlon, John Leo.	487 Elliott Square, Buffalo, N. Y.	P.E.
1233	Schackel, Stephen And.	2123 Riverside Ave., Sioux City, Iowa.	P.E.
296	Schaefer, Chas. W.	217 Adams St., Jefferson City, Mo.	P.E. & L.S.
30	Scharlach, C. O.	Corwith, Iowa.	P.E. & L.S.
1128	Schenck, Ernest Eugene.	139 Williston Ave., Waterloo, Iowa.	P.E. & L.S.
387	Schick, Wm. J.	717 7th St., Ames, Iowa.	P.E. & L.S.
1027	Schmidt, G. J.	313 Behrends St., Peoria, Ill.	P.E. & L.S.

## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
505	Schmidt, Theo. J.	P. O. Box 3817, Station A, care Florida Bridge & Const. Co., Orlando, Fla.	P.E. & L.S.
187	Schmidt, Wm.	4541 Shirley St., Omaha, Neb.	P.E. & L.S.
1198	Schmitt, Herbert C.	875 Sherman Blvd., Milwaukee, Wis.	P.E. & L.S.
1224	Schmitt, Hubert	1008 O'Rear Leslie Bldg., Kansas City, Mo.	P.E.
291	Schneider, Fred C.	118 7th St., Ames, Iowa.	P.E. & L.S.
1386	Schneider, Paul A.	Decorah, Iowa.	P.E.
299	Schnell, August	915 N. 2nd St., Clinton, Iowa.	P.E. & L.S.
1235	Schene, Frank Paul	207 City, Iowa.	P.E. & L.S.
1365	Scheppe, Paul S.	207 E. Harrison St., Jefferson, Iowa.	P.E.
745	Schott, Alfred M.	Main Eng. Co., 112 Baker St., Daytona Beach, Fla.	P.E.
579	Schreiber, Raymond A.	686 26th St., Des Moines, Iowa.	P.E. & L.S.
1305	Schultz, A. H.	913 Pioneer Bldg., St. Paul, Minn.	P.E.
1380	Schultz, Walter A.	Eldora, Iowa.	P.E.
599	Schwaderer, Herbert C.	13th St. and 3rd Corso, Nebraska City, Neb.	P.E. & L.S.
472	Schwob, Walter E.	111 1/2 E. Washington St., Iowa City, Iowa.	P.E.
703	Sears, Veal Vivian	5823 Cedar St., Omaha, Neb.	P.E. & L.S.
662	Seidel, Earl	Winterset, Iowa.	P.E. & L.S.
1417	Seliger, Karl L.	Washington, Iowa.	P.E.
420	Sernstrom, Carl Y.	Cherokee, Iowa.	P.E. & L.S.
1199	Sett, Walter	13834 Michigan Ave., Riverside, Ill.	P.E. & L.S.
843	Sevenson, Jay H.	656 E. Park Ave., Albert Lea, Minn.	P.E. & L.S.
760	Shaffer, John W.	Court House, Minneapolis, Minn.	P.E. & L.S.
480	Shane, Adolph	Iowa State College, Ames, Iowa.	P.E.
857	Shannon, Charles A.	706 1st Ave., Nebraska City, Neb.	P.E. & L.S.
8	Shelton, W. M. P.	118 Grand St., Burlington, Iowa.	P.E. & L.S.
1162	Sherman, Leroy K.	33 S. Clark St., Chicago, Ill.	P.E.
752	Shirey, Chas. W.	1518 Commercial St., Waterloo, Iowa.	P.E. & L.S.
290	Shive, Philip W.	care Iowa Highway Commission, Cedar Rapids, Iowa.	P.E. & L.S.
521	Shivers, Berthier H.	3209 School St., Des Moines, Iowa.	P.E. & L.S.
59	Shockley, Clyde A.	800 Graphic Arts Bldg., Kansas City, Mo.	P.E.
260	Shoemaker, Guy T.	2327 Fulton Ave., Davenport, Iowa.	P.E.
1358	Silence, Steiner	904 E. Main St., Marshalltown, Iowa.	P.E.
983	Sime, Sampson E.	664 Saunders-Kennedy Bldg., Omaha, Neb.	P.E. & L.S.
173	Simpson, Charles F.	411 Fairfax Ave., Nashville, Tenn.	P.E.
70	Simpson, Elmer D.	339 Locust St., Ambridge, Iowa.	P.E. & L.S.
1404	Sinclair, D. M.	960 18th St., Marion, Iowa.	P.E.
1132	Sinclair, Edwin Louis	Division Engineer, C. M. St. P. & P. Ry., 960 18th St., Marion, Iowa.	P.E. & L.S.
928	Singer, Leslie R.	2920 Pierce St., Sioux City, Iowa.	P.E.
102	Sjolander, Otto	care Iowa Highway Commission, Ames, Iowa.	P.E. & L.S.
378	Skeels, George Y.	2817 Nebraska St., Sioux City, Iowa.	P.E. & L.S.
1032	Skidmore, Hugh W.	536 Lake Shore Drive, Chicago, Ill.	P.E.
955	Skinner, Wm. E.	3241 Admich Ave., Minneapolis, Minn.	P.E. & L.S.
293	Slippy, Ralph B.	406 Lafayette Bldg., Waterloo, Iowa.	P.E. & L.S.
582	Sloan, Wm. M.	1118 20th St., Des Moines, Iowa.	P.E.
876	Smalley, Clarence E.	708 Jackson St., Charles City, Iowa.	P.E. & L.S.
192	Smith, Arthur A.	Ground and Building, State University, Iowa City, Iowa.	P.E. & L.S.
477	Smith, Burton R.	Tipton, Iowa.	P.E. & L.S.
433	Smith, Clarence E.	406 S. Main St., Mt. Pleasant, Iowa.	P.E. & L.S.
1539	Smith, Earl B.	M. E. Dept., Iowa State College, Ames, Iowa.	P.E.
1527	Smith, Earl W.	Lake City, Iowa.	P.E. & L.S.
1359	Smith, Frank E.	Little Sioux, Iowa.	P.E. & L.S.
479	Smith, Fred Dean	Apartado 561, Tampico, Mexico.	P.E. & L.S.
716	Smith, George W.	4216 Davis St., Sioux City, Iowa.	P.E. & L.S.
114	Smith, Gordon P.	Olivia, Minn.	P.E.
263	Smith, Howard M.	Washita, Iowa.	P.E. & L.S.
1262	Smith, Kenneth James	Humboldt, Iowa.	P.E. & L.S.
864	Smith, Perry P.	1600 Washington Ave., Davenport, Iowa.	P.E. & L.S.
438	Smith, Robert J.	303 Forrest Road, Davenport, Iowa.	P.E. & L.S.
141	Smith, Willis J.	210 Pleasant St., Ottumwa, Iowa.	P.E. & L.S.
1095	Sneary, Loy E.	2025 Tremont Ave., Davenport, Iowa.	P.E. & L.S.
104	Snook, Cassius A.	445 N. 18th St., Ft. Dodge, Iowa.	P.E. & L.S.



## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
221	Snyder, Leroy D.	Humboldt, Iowa	P. E. & L. S.
388	Spangler, Merlin G.	1517 Grand Ave., Ames, Iowa	P. E. & L. S.
1359	Spangler, W. B.	620 New York Ave., Creston, Iowa	P. E.
1110	Spencer, Earl Barkley	305 Williston Ave., Waterloo, Iowa	P. E. & L. S.
539	Spelman, E. E.	125 Pearl St., Council Bluffs, Iowa	P. E. & L. S.
313	Sproatt, Harold E.	P. O. Box 818, Dallas, Texas	P. E. & L. S.
224	Sproatt, John F.	702 Washington St., Iowa City, Iowa	P. E. & L. S.
734	Stach, Carl Theodore	412 E. Bloomington St., Iowa City, Iowa	P. E.
987	Staly, Wallace E.	815 Walnut St., Webster City, Iowa	P. E. & L. S.
389	Standeven, Walter E.	743 Peters Trust Bldg., Omaha, Neb.	P. E. & L. S.
1332	Stanhope, C. T.	345 Quincy Ave., East Brantree, Mass.	P. E. & L. S.
966	Stanton, Wilbur D.	Cohocton, New York	P. E. & L. S.
1284	Starr, Merle B.	LeMars, Iowa	P. E.
1214	Stebbins, Walter L.	53 West Jackson Blvd., Chicago, Ill.	P. E.
560	Stedman, Harry E.	3223 1st St., Des Moines, Iowa	P. E. & L. S.
1300	Stegenga, W. R.	R. F. D. No. 7, Grand Rapids, Mich.	P. E.
360	Steigewalt, G. F.	33 W. Grand Ave., Chicago, Ill.	P. E. & L. S.
344	Steigewalt, Sam	Nevada, Iowa	P. E.
1163	Steigler, C. J.	409 Lincoln Bldg., Detroit, Mich.	P. E. & L. S.
336	Steiner, Wm. H.	1001 Hubbell Bldg., Des Moines, Iowa	P. E. & L. S.
910	Stephenson, Edwin J.	2106 Highland Ave., Davenport, Iowa	P. E. & L. S.
689	Stephenson, Jess L.	749 Manatee Ave., Hazel Park Station, Detroit, Mich.	P. E. & L. S.
451	Stephenson, Laurence B.	Box 161, Altona, Iowa	P. E. & L. S.
850	Sterling, Joseph R.	902 H. St., San Bernardino, Calif.	P. E. & L. S.
1065	Stern, Isaac F.	1765 First National Bank Bldg., Chicago, Ill.	P. E.
926	Sterrett, Harold R.	care Philadelphia Sub-Counties Gas & Electric Co., 5 E. Lancaster Ave., Ardmore, Pa.	P. E.
341	Stevens, C. H.	936 N. Pennsylvania Ave., Mason City, Iowa	P. E. & L. S.
1384	Stevens, George M.	Grundy Center, Iowa	P. E.
1038	Stevens, Harold L.	30 N. Michigan Blvd., Chicago, Ill.	P. E.
1037	Stevenson, James C.	30 N. Michigan Ave., Chicago, Ill.	P. E.
135	Stewart, Cal A.	3927 Waveland Drive, Des Moines, Iowa	P. E. & L. S.
1401	Stewart, E. M.	Anamosa, Iowa	P. E.
321	Stewart, Fred J.	care Chiriqui Land Co. of United Fruit Co., Panama City, Republic of Panama	P. E. & L. S.
494	Stewart, George H.	Parkwood, Iowa	P. E. & L. S.
1356	Stewart, Lowell O.	518 Burnett Ave., Ames, Iowa	P. E. & L. S.
553	Still, John	138 1st Ave. N. W., Osceola, Iowa	P. E.
1393	Stoddard, Alexis E.	427 Ash, Ames, Iowa	P. E.
847	Stoddard, E. K.	care Iowa Machinery & Supply Co., 317 Court Ave., Des Moines, Iowa	P. E.
696	Stoddard, Ira J.	1107 Washington St., Pella, Iowa	P. E. & L. S.
633	Stoddard, Frank P.	138 S. Central Ave., Burlington, Iowa	P. E.
1306	Stokes, Ernest	care Highway Commission, Ames, Iowa	P. E.
393	Stoughton, Galen M.	1526 S. W. Temple, Salt Lake City, Utah	P. E. & L. S.
1019	Stout, C. H.	3619 5th St., Des Moines, Iowa	P. E. & L. S.
309	Straight, Halvor R.	Adel, Iowa	P. E.
930	Strain, Roy W.	Prairie City, Iowa	P. E. & L. S.
14	Streeter, Clark H.	Cedar Falls, Iowa	P. E. & L. S.
947	Strothman, Theo. L. B.	231 Waldorf St., Pittsburgh, Pa.	P. E.
93	Struckmann, Edwin	Hudson, N. Y.	P. E.
485	Stuart, E. Grant	Chariton, Iowa	P. E. & L. S.
657	Stuart, Thomas E.	3300 Ave. "B," Council Bluffs, Iowa	P. E.
592	Swanson, Fred R.	care Philadelphia Suburban Counties Gas & Electric Co., Norristown, Pa.	P. E.
1383	Sweeney, Hubert L.	care Iowa Highway Commission, Council Bluffs, Iowa	P. E.
670	Sweeney, John E.	218 2nd St., care Julius Andrae & Sons Co., Des Moines, Iowa	P. E.
1363	Sykes, John	390 S. 16th St., Cedar Rapids, Iowa	P. E.
277	Taggart, Isaac H.	215 W. Clark St., Clarinda, Iowa	P. E. & L. S.
1041	Taylor, John O.	342 S. Dearborn St., Chicago, Ill.	P. E.
1211	Taylor, Leslie B.	712 Congress Bldg., Miami, Fla.	P. E.
812	Teal, Don L.	Box 24, Ottumwa, Iowa	P. E. & L. S.
361	Teal, Thomas T.	Northwood, Iowa	P. E. & L. S.
1203	Templeton, Hy. Farwell	Monticello, Iowa	P. E.

## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
1381	Thillen, Fred B.	503 Marsh Place Bldg., Waterloo, Iowa	P. E.
658	Thinn, Christian A.	450 E. Ohio St., Chicago, Ill.	P. E.
393	Thomas, D. L.	406 W. Ashland Ave., Indianapolis, Ind.	P. E. & L. S.
1095	Thomas, Oren Richard	1531 46th St., Des Moines, Iowa	P. E.
1242	Thomas, Ralph Danford	1200 2nd Ave. S., Minneapolis, Minn.	P. E.
718	Thompson, Frank W.	1715 E. 13th St., Des Moines, Iowa	P. E. & L. S.
1295	Thompson, O. C.	County Engineer, Waterloo, Iowa	P. E. & L. S.
184	Thompson, Vail E.	Wapello, Iowa	P. E. & L. S.
405	Thomson, Harry W.	Illinois Division of Highways, Dixon, Ill.	P. E. & L. S.
1406	Thorn, W. W.	Marquette, Iowa	P. E.
158	Thorne, Jent G.	Maquoketa, Iowa	P. E. & L. S.
709	Thornton, Alonzo L.	Pocahontas, Iowa	P. E. & L. S.
209	Thorpe, George E.	224 Atlas Bldg., Des Moines, Iowa	P. E.
402	Thorpe, Thomas W.	224 Atlas Bldg., Des Moines, Iowa	P. E. & L. S.
832	Thul, Frank M.	125 Essex Lane, Davenport, Iowa	P. E. & L. S.
771	Tillson, Harold L.	2804 Brattleboro Ave., Des Moines, Iowa	P. E. & L. S.
469	Tippee, John M.	City Engineer, Des Moines, Iowa	P. E. & L. S.
48	Tourtellot, Edward B.	care Wisconsin Highway Commission, Madison, Wis.	P. E. & L. S.
1114	Towl, Roy N.	524 Peters Trust Bldg., Omaha, Neb.	P. E. & L. S.
1408	Towne, W. Waldo	Board of Health, State House, Des Moines, Iowa	P. E.
788	Towe, Guy C.	Northwood, Iowa	P. E. & L. S.
65	Toyne, Warren Deloss	109 E. Lincoln St., Clarinda, Iowa	P. E. & L. S.
144	Treichler, Wallace	601 Kahl Bldg., Davenport, Iowa	P. E. & L. S.
52	Trick, Deane W.	14 Glenview Drive, Des Moines, Iowa	P. E. & L. S.
1112	Triggs, Fred E.	3905 N. 2nd St., Des Moines, Iowa	P. E.
925	Trost, Frederic W.	Chariton, Iowa	P. E. & L. S.
116	Troup, James	1726 W. 3rd St., Waterloo, Iowa	P. E.
985	Truitt, Roland S.	care Mueller Lumber Co., 501 W. 2nd St., Davenport, Iowa	P. E. & L. S.
1098	Trumbull, Morrison	Iowa Steel & Iron Works, Cedar Rapids, Iowa	P. E.
677	Tschirgi, Mathew	1514 2nd Ave., Cedar Rapids, Iowa	P. E. & L. S.
572	Tyner, Robert H.	326 N. 4th St., Okaloosa, Iowa	P. E. & L. S.
149	Tunnicliff, John C.	1121 American Bank Bldg., Davenport, Iowa	P. E. & L. S.
10	Tunnidiff, N. H.	802 Putnam Bldg., Davenport, Iowa	P. E. & L. S.
827	Turnbull, John Helmer	3528 Ridge Ave., Sioux City, Iowa	P. E. & L. S.
873	Turner, J. W.	2939 Cottage Grove, Ave., Des Moines, Ia	P. E. & L. S.
1097	Turpin, Upshur Farrington	care Conser, Older & Quinlan, 205 W. Wacker Drive, Chicago, Ill.	P. E.
988	Udet, Karl	6047 N. Albany Ave., Chicago, Ill.	P. E. & L. S.
56	Urick, Ronald H.	749 3rd St., Des Moines, Iowa	P. E. & L. S.
1317	Vandergrinden, Marinus	715 5th St., Ames, Iowa	P. E.
1303	Van Fleet, George L.	870 S. Grandview Ave., Dubuque, Iowa	P. E.
984	Van Hynning, Gardner R. Jr.	3414 Kingman Blvd., Des Moines, Iowa	P. E.
475	Van Liew, John E.	621 44th St., Des Moines, Iowa	P. E. & L. S.
166	Van Sise, Andrew J.	108 10th St., N. W. Mason City, Iowa	P. E. & L. S.
879	Varley, Mason A.	1424 7th Ave. N., Ft. Dodge, Iowa	P. E. & L. S.
862	Veatch, Nathan T., Jr.	701 Mutual Bldg., Kansas City, Mo.	P. E. & L. S.
1326	Veranth, Joseph	7 W. Sheridan St., Ely, Minn.	P. E.
1285	Vernon, Marie H.	care U. M. C. A., Aurora, Ill.	P. E. & L. S.
667	Vollmer, Harry A.	2114 Summer St., Burlington, Iowa	P. E. & L. S.
779	Vollmer, Henry G.	2130 Summer St., Burlington, Iowa	P. E. & L. S.
488	Walker, Boyd F.	546 Franklin Ave., Council Bluffs, Iowa	P. E. & L. S.
1337	Walker, Harry A.	602 11th Ave. S., Clinton, Iowa	P. E. & L. S.
1294	Wallen, Allen	City Engineer, Iowa City, Iowa	P. E. & L. S.
594	Wallis, Leonard J.	627 8th St., Ames, Iowa	P. E.
1099	Wallis, Roland Schanel	1611 Wells St., Ann Arbor, Mich.	P. E. & L. S.
1366	Walter, L. D.	6808 Wayne Ave., Chicago, Ill.	P. E.
708	Ward, Elmer M.	722 Armory Ave., Chariton, Iowa	P. E.
1862	Wardle, Joseph D.	1520 2nd Ave., Cedar Rapids, Iowa	P. E. & L. S.
655	Ware, Oliver F.	R. F. D. No. 1, Ft. Madison, Iowa	P. E.
19	Warriner, Thomas R.	316 The Crossways, Cedar Rapids, Iowa	P. E. & L. S.
965	Waterhouse, Chas. E.	1701 S. 12th St., Burlington, Iowa	P. E. & L. S.
1237	Waterman, Earle Lytton	104 Engineering Bldg., Iowa City, Iowa	P. E. & L. S.



## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
71	Watkins, Joseph C.	113 1/2 Iowa Ave., Iowa City, Iowa	P. E. & L. S.
1392	Watts, Cleat T.	Albia, Iowa	P. E.
1330	Wearmouth, W. J.	Denison, Iowa	P. E. & L. S.
834	Weber, Edwin R.	107 Cadden St., Newark, N. J.	P. E. & L. S.
818	Weir, Samuel R.	Bedford, Iowa	P. E. & L. S.
912	Weldon, Ernest	Iowa Falls, Iowa	P. E. & L. S.
99	Weller, Curtis D.	10816 Winner Road, Independence, Mo.	P. E. & L. S.
829	Wendt, Wm. C. R.	170 W. 13th St., Hialeah, Fla.	P. E. & L. S.
501	Wesley, Chas. S.	1616 W. 5th St., Sioux City, Iowa	P. E. & L. S.
649	Westerlind, Knut E.	3116 McDonald Ave., Sioux City, Iowa	P. E.
656	Whitaker, John M.	1233 Arcade Bldg., care Alpha Portland Cement Co., St. Louis, Mo.	P. E. & L. S.
243	White, Clavin J.	604 Washington St., Marshalltown, Iowa	P. E. & L. S.
179	White, Fred R.	836 Hodge Ave., Ames, Iowa	P. E. & L. S.
76	White, Warren G.	P. O. Box J, Montgomery, Ala.	P. E. & L. S.
380	Whitney, Frank S.	Britt, Iowa	P. E. & L. S.
1165	Whittemore, Osgood Jas.	Sheffield, Iowa	P. E.
283	Wick, Wallace S.	1st St. and A Ave., Oskaloosa, Iowa	P. E. & L. S.
156	Wicks, Gordon F.	1441 Bluff St., Des Moines, Iowa	P. E. & L. S.
36	Wickham, John Q.	City Engineer, Eau Gallie, Fla.	P. E. & L. S.
89	Wicks, Granville B.	1538 W. 47th St., Des Moines, Iowa	P. E. & L. S.
1286	Wierman, John W.	Orange City, Iowa	P. E. & L. S.
1344	Wiesters, A. H.	State Dept. of Health, Des Moines, Iowa	P. E.
1375	Witch, Gabriel B.	Box 161, Independence, Iowa	P. E.
1206	Wilcox, George	3619 Cambridge St., Des Moines, Iowa	P. E. & L. S.
632	Wilder, George Ireland	4649 Beard Ave., S., Minneapolis, Minn.	P. E. & L. S.
682	Williams, Cyrus Tyler	2107 Glass Ave., Sioux City, Iowa	P. E.
1343	Williams, Clement Clarence	723 Bayard, Iowa City, Iowa	P. E.
101	Williams, Howard S.	206 W. 8th St., Atlantic, Iowa	P. E. & L. S.
244	Williams, Leon G.	care Pomeroy, Greeley & Hanson, 6 N. Michigan Ave., Room 1700, Chicago, Ill.	P. E. & L. S.
483	Wilson, Ben H.	209 N. Main St., Mt. Pleasant, Iowa	P. E. & L. S.
687	Wilson, Chas. T.	324 Johnson St., Waterloo, Iowa	P. E. & L. S.
943	Wilson, Louis A.	406 Moloney Bldg., Ottawa, Ill.	P. E. & L. S.
685	Wilson, Wm. E.	care American Tile Engineering Co., 19 W. State St., Mason City, Iowa	P. E.
871	Wilson, Wm. Leroy	114 W. 11th St., Des Moines, Iowa	P. E. & L. S.
242	Winfrey, Paul	1721 E. 13th St., Des Moines, Iowa	P. E. & L. S.
1398	Winter, Leon A.	337 Grain Exchange Bldg., Sioux City, Iowa	P. E.
625	Winters, John F.	823 N. 6th St., Burlington, Iowa	P. E. & L. S.
330	Withington, A. H.	Centerville, Iowa	P. E. & L. S.
1166	Witters, George Sackett	Ida Grove, Iowa	P. E. & L. S.
1264	Wolff, Louis P.	903 Globe Bldg., St. Paul, Minn.	P. E.
35	Wood, Chas. R., Jr.	612 N. 3rd St., Clear Lake, Iowa	P. E. & L. S.
557	Wood, Garrett Wilbur	Sedan, Iowa	P. E. & L. S.
1167	Wood, Harry	Sac City, Iowa	P. E. & L. S.
1370	Wood, K. M.	Redfield, Iowa	P. E. & L. S.
1271	Wood, L. W.	State Highway Commission, Ames, Iowa	P. E.
1376	Wressell, Edmund F.	7100 Grand Ave., Cedar Rapids, Iowa	P. E.
1003	Wygant, R. L.	Oreola, Neb.	P. E. & L. S.
449	Woodburn, Chester C.	405 Valley National Bank Bldg., Des Moines, Iowa	P. E.
346	Woodward, Sherman M.	Iowa City, Iowa	P. E.
805	Woolley, Birney Coolidge	LeMars, Iowa	P. E. & L. S.
585	Wootton, Frank	116 N. Jefferson Ave., Denison, Iowa	P. E. & L. S.
120	Yager, Walter D.	Calmar, Iowa	P. E. & L. S.
1105	Yarnell, David Le Roy	207 Engineering Hall, Iowa City, Iowa	P. E. & L. S.
435	Yeager, W. D.	1520 2nd Ave., Cedar Rapids, Iowa	P. E. & L. S.
121	Yetter, Floyd S.	Anamosa, Iowa	P. E. & L. S.
13	Young, Charles H.	211 Iowa Ave., Muscatine, Iowa	P. E. & L. S.
95	Young, Frank E.	City Hall, Cedar Rapids, Iowa	P. E. & L. S.
1164	Young, Roy M.	Iowa State Highway Commission, Ames, Iowa	P. E. & L. S.
902	Youngdale, Edgar W.	Granite Falls, Minn.	P. E.
977	Younglove, Clyde C.	517 Warnock Bldg., Sioux City, Iowa	P. E.
183	Zacharie, Josef	3521 Iola Ave., Des Moines, Iowa	P. E. & L. S.

## ROSTER—(Continued)

Certificate No.	Name	Address	Branch of Engineering
343	Zack, Edgar G.	Sheffield, Ill.	P. E. & L. S.
66	Zack, Erich A.	District Engineer's Office, Chariton, Iowa	P. E. & L. S.
552	Zack, Otnar W.	Postville, Iowa	P. E. & L. S.
73	Zack, Raymond B.	311 6th St., N. W., Mason City, Iowa	P. E. & L. S.
1469	Zeiner, Moritz B.	Frederick Apis, Des Moines, Iowa	P. E.
358	Zika, George A.	529 Chester Ave., Ottumwa, Iowa	P. E.
1208	Zippredt, Roy R.	Portland Cement Association, 33 W. Grand Ave., Chicago, Ill.	P. E.
1321	Zimmerling, Raymond Oscar	Tipton, Iowa	P. E. & L. S.
1207	Zorn, Charles Burton	Sutherland, Iowa	P. E.
663	Zuck, John	R. No. 2, Clarence, Iowa	P. E. & L. S.

## REVOKED

Certificate No.	Name	Branch of Engineering	Certificate No.	Name	Branch of Engineering
578	Aardappel, Walter	P. E. & L. S.	311	Fahey, John F.	P. E. & L. S.
588	Adams, Henry C.	P. E.	1107	Faleide, I. H.	P. E.
512	Akitt, Norman B.	P. E.	1078	Farlow, Samuel J.	P. E.
314	Anderson, Arthur G.	P. E. & L. S.	985	Ferguson, Lewis L.	P. E. & L. S.
732	Anderson, Clifford W.	P. E.	124	Ferrill, Raymond W.	P. E. & L. S.
1007	Anderson, Dwight P.	P. E. & L. S.	33	Fessenden, Ralph S.	P. E. & L. S.
1119	Anthony, Harvey M.	P. E.	256	Finley, David M.	P. E. & L. S.
1267	Baldwin, Clarence W.	P. E.	514	Fish, Fred Alan	P. E.
492	Bannon, Michael E.	P. E.	586	Fleming, John H.	P. E.
1048	Barbour, Percy E.	P. E. & L. S.	65	Foster, Geo. S.	P. E. & L. S.
380	Barrett, Archibald C.	P. E. & L. S.	1124	Foster, Glenn A.	P. E.
1008	Barrett, Guy B.	P. E. & L. S.	956	Franks, Clifford D.	P. E. & L. S.
712	Bartholomew, H. C.	P. E.	621	Freshour, Fred W.	P. E.
1075	Bartlett, John F.	P. E. & L. S.	226	Freshour, Ralph J.	P. E. & L. S.
892	Beach, Wilfred W.	P. E.	764	Frudden, Conrad E.	P. E.
1067	Beckman, A. G.	P. E. & L. S.	1053	Gabele, Henry Chas.	P. E. & L. S.
285	Beckman, Henry C.	P. E. & L. S.	1009	Gates, Levi S.	P. E. & L. S.
575	Bernick, Fritz, Jr.	P. E.	714	Gilmore, David Pryde	P. E. & L. S.
739	Bickley, George E.	P. E. & L. S.	584	Goodrich, Floyd	P. E. & L. S.
340	Blair, James H.	P. E.	845	Hague, Alfred G.	P. E. & L. S.
361	Boeckemuhl, C. L. A.	P. E.	927	Hanes, Jansen	P. E.
1171	Bodwell, D. C.	P. E.	1287	Hanapel, A. H.	P. E. & L. S.
886	Bolster, Roy Hale	P. E. & L. S.	107	Hanna, Frank W.	P. E. & L. S.
794	Borman, Arthur P.	P. E. & L. S.	837	Hazlett, John C.	P. E. & L. S.
118	Bostwick, Floyd E.	P. E. & L. S.	540	Hermann, Will C.	P. E. & L. S.
896	Boudinot, Eugene S.	P. E. & L. S.	1251	Hertwig, Fred A.	P. E. & L. S.
50	Boyle, Frank L.	P. E. & L. S.	1810	Hertz, A. L.	P. E.
671	Boynton, George H.	P. E. & L. S.	1183	Hewes, John W.	P. E. & L. S.
870	Brady, Clifton J.	P. E.	1131	Hibson, Wm. Harri-	P. E.
804	Brandt, J. Wesley	P. E. & L. S.	son		
390	Breedon, Cyrus F.	P. E. & L. S.	249	Hitchcock, Walter A.	P. E. & L. S.
295	Brevik, Berry E.	P. E. & L. S.	1234	Hoff, Carl R.	P. E.
762	Brownell, Otto E.	P. E.	782	Hoffman, Chester L.	P. E. & L. S.
840	Carr, Elza B.	P. E.	900	Holken, Wm.	P. E.
954	Carr, Hugh M.	P. E. & L. S.	905	Holloway, Gilbert N.	P. E.
1147	Carrithers, Harold D.	P. E.	1055	Holtzman, W. D., Jr.	P. E.
1270	Carter, Harold S.	P. E. & L. S.	41	Hopkins, Arthur E.	P. E. & L. S.
407	Cavender, Fred	P. E.	1217	Horne, Harold E.	P. E.
825	Chamberlain, M. O.	P. E. & L. S.	907	Hovey, Glenn G.	P. E.
1047	Clement, Henry C.	P. E. & L. S.	1129	Hull, George Elliott	P. E.
588	Clemmer, Harold F.	P. E. & L. S.	1072	Hutchison, Claron B.	P. E.
890	Cline, Burnell T.	P. E.	634	Ide, Wilson T.	P. E.
775	Cockburn, Harold W.	P. E. & L. S.	713	Ingalls, F. D. B.	P. E.
648	Colby, Paul W.	P. E.	638	Jacobson, Ernest	P. E.
849	Collins, John	P. E.	799	Keator, Edward H.	P. E. & L. S.
312	Conrad, Harold N.	P. E.	74	Keel, Harry D.	P. E. & L. S.
1193	Cordiner, Robert Park	P. E. & L. S.	462	Kelley, Earl Foster	P. E. & L. S.
1102	Cottingham, W. L.	P. E. & L. S.	1219	Khan, Abol F.	P. E.
85	Cox, Ralph L.	P. E. & L. S.	527	Kivell, Wayne A.	P. E. & L. S.
490	Cunningham, A. O.	P. E. & L. S.	995	Kneale, M. T.	P. E. & L. S.
924	Currey, E. Brooks	P. E. & L. S.	763	Knez, Kuzma M.	P. E. & L. S.
159	Currie, Frank S.	P. E. & L. S.	1014	Kraft, John H.	P. E. & L. S.
772	Cutler, Simon Oley	P. E. & L. S.	1220	Krull, Leonard G.	P. E.
991	Danforth, Frank A.	P. E. & L. S.	551	Kurtz, Edwin	P. E.
749	Daniel, Wilmer H.	P. E.	596	Kvaas, Thorvald K.	P. E. & L. S.
1040	Davis, Wm. H.	P. E.	614	Kyhl, Louis C.	P. E. & L. S.
878	Dean, James W. M.	P. E. & L. S.	2	LeVan, Alvin	P. E. & L. S.
898	Dierens, Frederic L.	P. E. & L. S.	203	Lamb, Ben H.	P. E. & L. S.
609	Dohn, Joseph M.	P. E. & L. S.	908	Ledwick, G. S.	P. E.
893	Donner, Wm. E.	P. E.	502	Lemon, Leslie C.	P. E. & L. S.
550	Downie, Myron E.	P. E. & L. S.	151	Levin, Lewis F.	P. E. & L. S.
98	Drug, John T.	P. E. & L. S.	674	Lewis, De Gue K.	P. E.
60	Earle, Roscoe K.	P. E. & L. S.	38	Lloyd, Geo. T.	P. E. & L. S.
235	Erickson, David L.	P. E. & L. S.	841	Looney, Julian	P. E.
1250	Evans, Wm. H.	P. E.	1219	Lorenz, Paul W.	P. E. & L. S.
1151	Everett, Marshall Clark	P. E.	318	McCormack, V. A.	P. E. & L. S.
597	Fvinger, Morris L.	P. E.	523	McCray, Harold E.	P. E.
437	Fahey, Geo. E.	P. E. & L. S.	993	McDonnell, E. N.	P. E. & L. S.

## REVOKED—(Continued)

Certificate No.	Name	Branch of Engineering	Certificate No.	Name	Branch of Engineering
1155	McQuiston, C. D.	P. E. & L. S.	960	Sieg, Walter R.	P. E.
882	Macy, Clarence S.	P. E.	571	Smith, Charles	P. E.
836	Madoie, Harley A.	P. E. & L. S.	1200	Smith, Harold C.	P. E. & L. S.
334	Martin, Carleton E.	P. E. & L. S.	737	Smith, Horace H.	P. E.
707	Martin, Claude D.	P. E.	307	Stark, N. M.	P. E. & L. S.
950	Mather, Edward K.	P. E. & L. S.	923	Stevens, Edson Murray	P. E.
819	Matthews, Leslie B.	P. E. & L. S.	1044	Stevens, L. J.	P. E.
1121	Maury, Dabney H.	P. E.	1201	Stickney, Chas. Elmore	P. E.
846	Meyer, Hans J.	P. E.	1135	Stroed, Felix Lewis	P. E. & L. S.
136	Mitchell, Edwin W.	P. E. & L. S.	4	Stubbs, F. W.	P. E.
1238	Moe, Carl B.	P. E.	798	Sween, Amzi R.	P. E.
801	Mogens, Ipsen	P. E.	195	Taylor, Benjamin L.	P. E. & L. S.
1158	Nelson, Arthur W.	P. E. & L. S.	1202	Taylor, George Wm.	P. E.
781	Nichols, Chas. S.	P. E. & L. S.	1081	Thomas, John M.	P. E. & L. S.
289	O'Keefe, Edward	P. E. & L. S.	702	Thornburg, Herbert W.	P. E.
661	Odendahl, Irve E.	P. E. & L. S.	1204	Tomlinson, Wesley	P. E.
1084	Olbriich, Fred G.	P. E. & L. S.			
1085	Orear, Andrew Gibbs	P. E.	1205	Townsend, David Wm.	P. E.
464	Parks, Ralph H.	P. E.	607	Traxler, Henry	P. E. & L. S.
126	Piffner, Clarence F.	P. E. & L. S.	715	Tschirgi, Harold M.	P. E. & L. S.
813	Phelps, Harry W.	P. E. & L. S.	916	Twoood, Leon S.	P. E.
595	Phillips, Raymond J.	P. E. & L. S.	1054	Unger, Chas. F.	P. E.
443	Pierce, Glen Kenyon	P. E.	94	Van Sandt, Albert S.	P. E. & L. S.
877	Pimmo, C. W.	P. E.	809	Vause, James E.	P. E. & L. S.
997	Polk, Roger W.	P. E.	1062	Veach, Claude H.	P. E. & L. S.
1045	Postel, Fred J.	P. E.	333	Valkner, Albert Wm.	P. E. & L. S.
1094	Preus, Paul R. A.	P. E.	518	Warren, Daniel L.	P. E.
1160	Prynchon, Edwin A.	P. E. & L. S.	1190	Watson, Melvin Reed	P. E. & L. S.
517	Rathjens, George W.	P. E. & L. S.	398	Weatherill, Cedric S.	P. E. & L. S.
360	Reaney, Charles F.	P. E. & L. S.	761	Weeks, David	P. E. & L. S.
418	Rease, Vincent M.	P. E. & L. S.	1111	Wehrman, Fred M.	P. E. & L. S.
506	Reif, Geo. H.	P. E.	723	Whalen, James F.	P. E. & L. S.
970	Renken, Harry J.	P. E.	624	Wheeler, Earl J.	P. E. & L. S.
603	Richards, Clarence C.	P. E.	867	White, Kingsley Bar-	P. E. & L. S.
1197	Richards, Wm. Henry	P. E.	bour		
755	Roberts, Richard	P. E. & L. S.	1127	White, Milton Robert	P. E.
466	Roberts, Tom L.	P. E.	853	Wieger, Channey J.	P. E. & L. S.
865	Roby, Charles A.	P. E. & L. S.	417	Wiley, Ernest	P. E. & L. S.
639	Ross, Worth D.	P. E.	1137	Wills, Arthur J.	P. E.
585	Rovat, James A.	P. E. & L. S.	567	Wilson, Louis A.	P. E. & L. S.
530	Ross, Virgil E.	P. E. & L. S.	854	Winningham, Archie J.	P. E. & L. S.
468	Rusboldt, George H.	P. E.	510	Woodhouse, Geo. J.	P. E.
555	Ryan, James J.	P. E. & L. S.	861	Wright, Charles E.	P. E. & L. S.
1069	Scanlon, Jack A.	P. E.	544	Wylie, Paul E.	P. E. & L. S.
913	Schulze, Otto J.	P. E. & L. S.	269	Wyman, Wm. C.	P. E. & L. S.
887	Sears, Chas. A.	P. E. & L. S.	1033	Yates, Joseph R.	P. E.
531	Shoemaker, Joseph J.	P. E.	200	Yoder, Bartollette A.	P. E. & L. S.



## DECEASED

No. 676	Ashton, Thomas J.
No. 803	Ballard, Samuel R.
No. 177	Beattie, Wm. S.
No. 1046	Bensel, John W.
No. 959	Bishop, Harry J.
No. 660	Blagburn, E. Tracy
No. 69	Boyack, Charles E.
No. 848	Bramhall, John A.
No. 921	Brown, Ernest
No. 1066	Brunner, Harvey H.
No. 61	Burns, Clinton S.
No. 142	Christensen, Wm. N.
No. 566	Countant, George W.
No. 111	Crary, Elisha A.
No. 1150	Day, Owen L.
No. 1	Dean, Seth
No. 1261	Douglass, Winfred H.
No. 180	Dows, Wm. G.
No. 18	Dunlap, John H.
No. 457	Geneva, Julian S.
No. 1115	Holbrook, Wm. L.
No. 684	Howd, Otto O.
No. 542	Huffman, Oscar L.
No. 691	Ilg, Paul
No. 145	Jeffries, Alfred M.
No. 84	Kemman, Alveno F.
No. 919	Lambert, George F.
No. 814	Lary, Robert Cooper
No. 345	Layman, Dale E.
No. 756	Leckliter, Walter H.
No. 529	Lewis, Joe M.
No. 456	McCoy, Edward
No. 972	Metcalfe, Leonard
No. 406	Mosher, Clark L.
No. 839	Parquette, J. C.
No. 855	Parsons, Samuel N.
No. 119	Perkins, Edmund T.
No. 1123	Prince, Geo. Thomas
No. 16	Raymond, Wm. G.
No. 675	Rigby, Walter E.
No. 678	Selden, James H.
No. 610	Spelman, James H. R.
No. 642	Stimson, Edgar F.
No. 996	Tait, William S.
No. 1256	Trease, Harold Wm.
No. 990	Ullery, Oscar E.
No. 432	Wilson, Fred P.
No. 1257	Wood, Robert G.
No. 593	Young, Frederick C.

## IOWA LAW RELATING TO ENGINEERING

## CHAPTER 89, 1927 CODE OF IOWA

1854. **Registered engineers and surveyors.** No person shall practice professional engineering or land surveying in the state unless he be a registered professional engineer or a registered land surveyor as provided in this chapter, except as permitted by the last section thereof.

1855. **Terms defined.** The "board" means the Iowa state board of engineering examiners provided by this chapter.

"Professional engineering" means the practice of any branch of the profession of engineering other than military engineering. The practice of said profession embraces the designing and the supervision of the construction of public and private utilities, such as railroads, bridges, canals, harbors, river improvements, lighthouses, wet docks, dry docks, ships, barges, dredges, cranes, floating docks, and other floating property, the design and the supervision of the construction of steam engines, turbines, internal combustion engines and other mechanical structures, electrical machinery and apparatus, and of works for the development, transmission or application of power, and the designing and the supervision of the construction of municipal works, irrigation works, water supply works, sewerage works, drainage works, industrial works, sanitary works, hydraulic works, structural works, and other public and private utilities or works which require for their designing or the supervision of their construction such experience and technical knowledge as are required by this chapter.

The execution as a contractor of work designed by a professional engineer or the supervision of the construction of such work as a foreman or superintendent for such a contractor or the construction, improving, or extending of private drains or drainage works, private irrigation works, private water supply works, or other works of a private nature shall not be deemed to be the practice of professional engineering within the meaning of this chapter.

A "professional engineer" means any person who practices professional engineering.

"Land surveying" is surveying having to do with the boundaries or areas of tracts of land. The surveying of lands for the purpose of subdividing or determining boundary lines where no contest is involved shall not be deemed to be the practice of land surveying within the meaning of this chapter.

A "land surveyor" is any person who makes land surveys.

1856. **Board of engineering examiners—qualifications.** There is hereby created a state board of engineering examiners consisting of five members who shall be appointed by the governor. Each member of the board shall be a professional engineer at least thirty-five years of age, and shall have been a resident of



this state for at least three years immediately preceding his appointment and shall have had at least ten years' active practice preceding his appointment and during such time shall have had charge of engineering work as principal or assistant for at least two years, and shall be a member in good standing of a recognized state or national engineering society. No two members of said board shall be from the same branch of the profession of engineering.

**1857. Appointment and tenure.** "Appointments to said board shall be made as follows:

1. Two members on July 1, 1925, and each four years thereafter.
2. Three members on July 1, 1927, and each four years thereafter.

**1858. Vacancies—how filled.** Vacancies in the membership of the board caused by death, resignation, or removal from office, shall be filled by an appointment from the governor for the unexpired portion of the term.

**1859. Official seal—by-laws.** The board shall adopt and have an official seal which shall be affixed to all certificates of registration granted and may make all by-laws and rules, not inconsistent with law, necessary for the proper performance of its duty.

**1860. Attorney general to assist—general powers.** Such board, or any committee thereof, shall be entitled to the counsel and to the services of the attorney general, and shall have power to compel the attendance of witnesses, and may take testimony and proofs and may administer oaths concerning any matter within its jurisdiction.

**1861. Compensation and expenses.** Each member of the board shall receive as compensation the sum of ten dollars per day for the time actually spent in traveling to and from, and in attending sessions of the board and its committees, and shall receive all necessary traveling and incidental expenses incurred in the discharge of his duties, but in no event shall the state be chargeable with any expense incurred under the provisions of this chapter.

**1862. Organization of the board—meetings—quorum.** The board shall elect annually from its members a chairman and a vice chairman. The secretary of the executive council, or one of his assistants, to be designated by him, shall act as secretary of said board. The board shall hold at least one stated meeting on the first Tuesday of December of each year, and special meetings shall be called at other times by the secretary at the request of the chairman or of three members of the board. At any meeting of the board, three members shall constitute a quorum. The board shall have power to employ such additional clerical assistants and incur such office expense as may be necessary to properly carry out the provisions of this chapter.

**1863. Annual report.** At the time provided by law, the board shall submit to the governor a written report of its transactions for the preceding year, and shall file with the secretary of state a copy thereof, together with a complete statement of the receipts and expenditures of the board, attested by the affidavits of the chairman and the secretary, and a complete list of those registered under this chapter with their addresses and the dates of their certificates of registration. Said report shall be printed by the state and a copy mailed to, and placed on file in the office of the clerk of each incorporated city or town in the state and in the office of the auditor of each county therein.

**1864. Secretary—duties of.** The secretary shall keep on file a record of all certificates of registration granted and shall make annually such revisions of said record as may be necessary. In revising said record the secretary shall communicate annually by mail with every professional engineer and surveyor registered hereunder. In every case in which a reply is not received within thirty days after the date of the first letter, the secretary shall send a second letter by registered mail and the failure on the part of any engineer or surveyor to reply within sixty days from the date of said second letter shall operate to revoke his certificate of registration, but he may be reinstated at any time upon due application therefor and upon the payment of a registration fee of ten dollars as hereinafter provided.

**1865. Engineering examiners' fund.** The secretary shall collect and account for all fees provided for by this chapter and pay the same to the state treasurer who shall keep such moneys in a separate fund to be known as the fund of the board of engineering examiners, which shall be continued from year to year and shall be drawn on only for the expenses and compensation of said board of examiners as provided in this chapter.

**1866. Examination fees.** The board shall admit to examination any candidate who pays a fee of fifteen dollars and who under oath submits evidence prescribed by the board that he is more than twenty-five years of age, is of good character, and has been engaged in the practice of professional engineering or land surveying for at least six years and during that period has had charge as assistant, for at least one year. Each year of work satisfactorily completed at an engineering school of recognized standing shall count as one year of practice in fulfilling the six-year requirement of this section.

**1867. Examinations—report required.** Examinations for registration shall be given at stated or called meetings of the board. The scope of the examinations and the methods of procedure shall be prescribed by the board. As soon as practicable, after the close of each examination, a report shall be filed in the office of the secretary of the board by the members conducting such examinations. Said report shall show the action of the board



upon each application, whereupon the secretary of the board shall notify each applicant of the result of his examination.

**1868. Seal—certificate evidence of registration.** Each registrant shall provide himself with a suitable seal with a uniform inscription thereon formulated by the board, with which he shall stamp all plans, specifications, surveys, and reports made or issued by him. A certificate of registration provided for in this chapter shall be presumptive evidence that the person named therein is legally registered.

**1869. Certificate.** To any applicant who shall have passed the examination as a professional engineer and who shall have paid an additional fee of ten dollars, the board shall issue a certificate of registration as a professional engineer signed by the chairman and secretary of the board under the seal of such board, which certificate shall authorize the applicant to practice professional engineering as defined in this chapter. Such certificate shall not carry with it the right to practice land surveying, unless specifically so stated in said certificate, which permission shall be granted by the board without additional fee in cases where the applicant duly qualifies as a land surveyor as prescribed by the rules of said board.

**1869-b1. Expirations and renewals.** Every certificate to practice professional engineering or land surveying issued under the provisions of this chapter, shall expire on the thirty-first day of December following the date of the issuance thereof, and shall be renewed only upon application by the holder thereof, without examination, upon the payment of a renewal fee of two dollars. Application for renewal shall be made in writing to the secretary accompanied by the fee before the first day of December of each year. Every renewal certificate shall be displayed in connection with the original certificate. The secretary shall notify by mail each holder of a certificate of the expiration thereof.

Any holder of a certificate who allows his certificate to lapse by failing to renew it as provided herein, may be reinstated without examination upon the recommendation of the examining board and upon the payment of the registration fee of ten dollars as provided in section 1864, and the renewal fees then due.

**1870. Land surveyors' certificate.** To any applicant who shall have passed the examination as a land surveyor and who shall have paid an additional fee of ten dollars, the board shall issue a certificate of registration signed by its chairman and secretary under the seal of the board, which certificate shall authorize the applicant to practice land surveying as defined in this chapter and to administer oaths to his assistants and to witnesses produced for examination, with reference to facts connected with land surveys, being made by such land surveyor.

**1871. Foreign registrants.** The board shall from time to time examine the requirements for registration of professional engi-

neers and land surveyors in other states, territories, and countries, and shall record those in which in the judgment of the board standards not lower than those provided by this chapter are maintained. The secretary of the board upon presentation to him of satisfactory evidence, by any person, that he holds a certificate of registration issued to him by proper authority in any state, territory, or country so recorded, and upon the receipt of a fee of ten dollars, shall issue to such person a certificate of registration to practice professional engineering or land surveying as provided by this chapter, signed by the chairman and the secretary under the seal of the board, whereupon the person to whom such certificate is issued shall be entitled to all the rights and privileges conferred by the certificate issued after examination by the board.

**1872. Revocation of certificate.** The board shall have the power by a four-fifths vote of the entire board to revoke the certificate of any professional engineer or land surveyor registered hereunder, found guilty of any fraud or deceit in his practice, or guilty of any fraud or deceit in obtaining his certificate, or in case he is found by the same vote to be incompetent.

**1873. Procedure.** Proceedings for the revocation of a certificate of registration shall be begun by filing with the secretary of the board written charges against the accused. The board shall designate a time and place for a hearing, and shall notify the accused of this action and furnish him a copy of all charges at least thirty days prior to the date of the hearing. The accused shall have the right to appear personally or by counsel, to cross-examine witnesses or to produce witnesses in his defense.

**1874. Expenditures.** Warrants for the payment of expenses and compensations provided by this chapter shall be issued by the auditor of state and paid by the state treasurer upon presentation of vouchers regularly drawn by the chairman and secretary of the board and passed by the state board of audit, but at no time shall the total amount of warrants exceed the total amount of the examination and registration fees collected as herein provided.

**1875. Violations.** Any person who is not legally authorized to practice in this state according to the provisions of this chapter, and shall practice, or shall in connection with his name use any designation tending to imply or designate him as a registered practitioner within the meaning of this chapter, and any person presenting or attempting to file as his own the certificate or registration of another, or who shall give false or forged evidence of any kind to the board, or to any member thereof, in obtaining a certificate of registration, or who shall falsely impersonate another practitioner of like or different name, or who shall use or attempt to use a revoked certificate of registration shall be deemed guilty of a misdemeanor and shall for each of-



fense of which he is convicted be punished by a fine of not less than one hundred dollars, nor more than five hundred dollars, or by imprisonment for three months, or by both such fine and imprisonment.

**1876. Applicability of chapter.** This chapter shall not apply to any full-time employee of any corporation while doing work for that corporation, except in the case of corporations offering their services to the public as professional engineers or land surveyors.

Corporations engaged in designing and building works for public or private interests not their own shall be deemed to practice professional engineering within the meaning of this chapter. With respect to such corporations all principal designing or constructing engineers shall hold certificates of registration hereunder. This chapter shall not apply to corporations engaged solely in building said work. This chapter shall not apply to any professional engineer or land surveyor working for the United States government, nor to any professional engineer or land surveyor employed as an assistant to a professional engineer or land surveyor registered under this chapter, nor to purely operative services in connection with mechanical plants or systems, nor to any professional engineer or land surveyor from without this state until a reasonable length of time as prescribed by the rules of the board shall have elapsed to permit the registration of such a person under this chapter, provided that, before practicing within this state, he shall have applied for the issuance to him of a certificate of registration and shall have paid the fee prescribed in this chapter.